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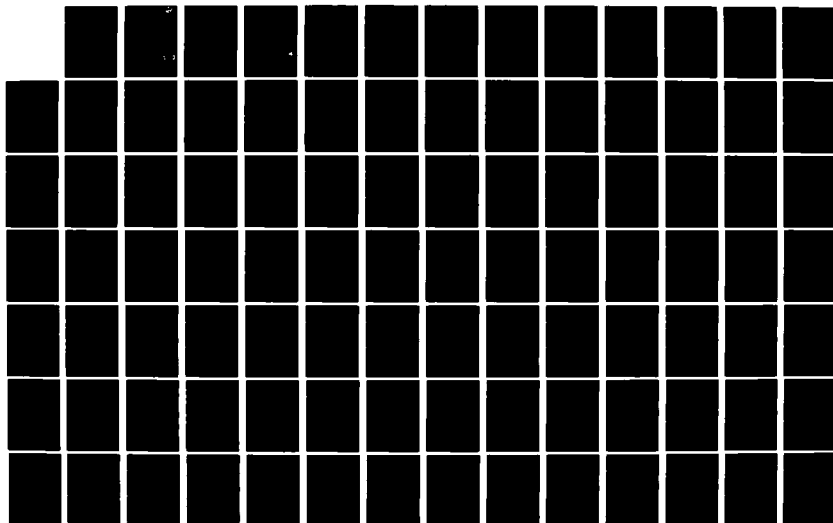
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 67Y
ATTACK HELICOPTER REPAIR (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER.. 30 AUG 77

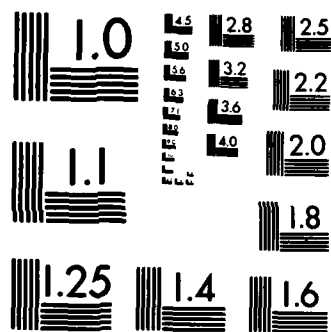
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OCT 1982

JOB LANGUAGE PERFORMANCE REQUIREMENTS
FOR 67Y

^{MOS}
ATTACK HELICOPTER REPAIRER

REFERENCE SOLDIER'S MANUAL DATED

30 August 1977

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| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Job Language Performance Requirements (JLPR) study was conducted to determine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified. | | | |

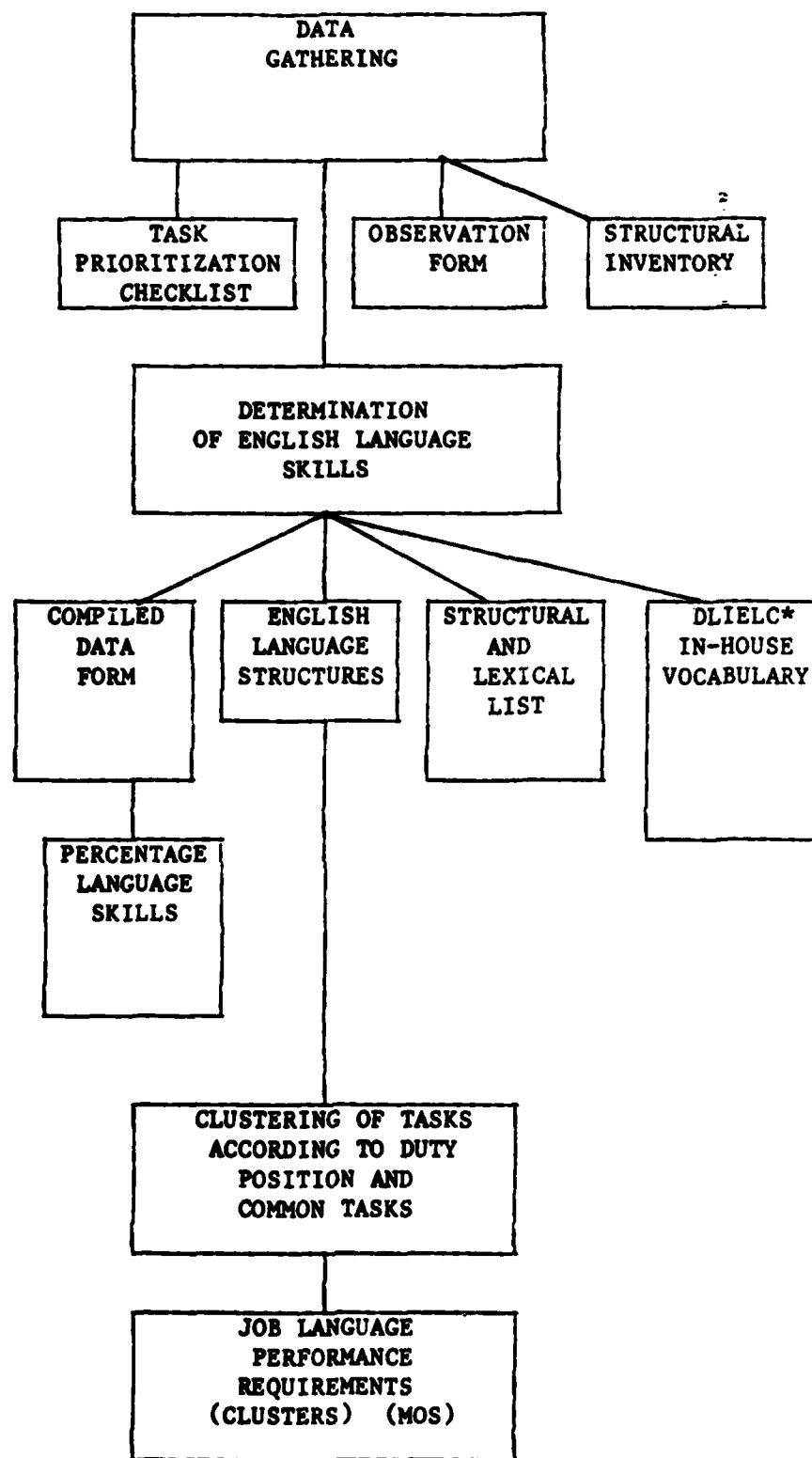


FIGURE 1

*Defense Language Institute English Language Center

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PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virginia.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

SECTION I: DATA GATHERING

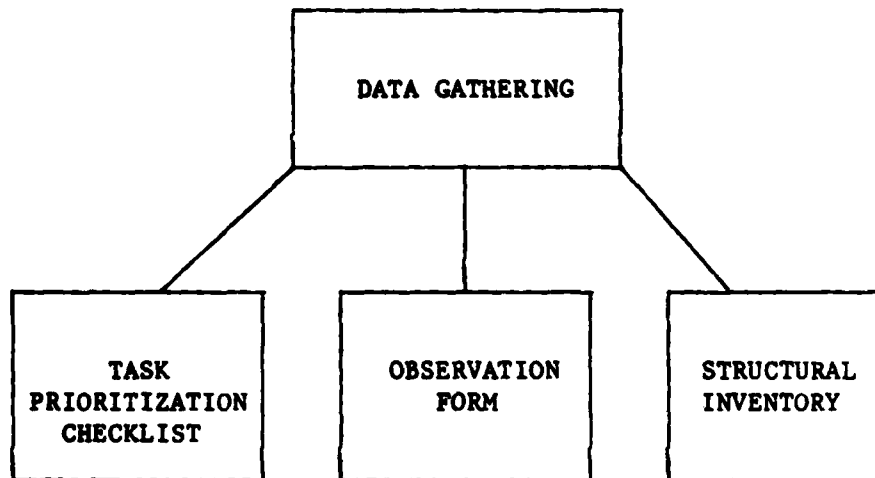


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?
2. How is the task taught?
3. Is the task tested?
4. How is the task tested?
5. How important are speaking, listening, reading and writing in learning and performing the task?
6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

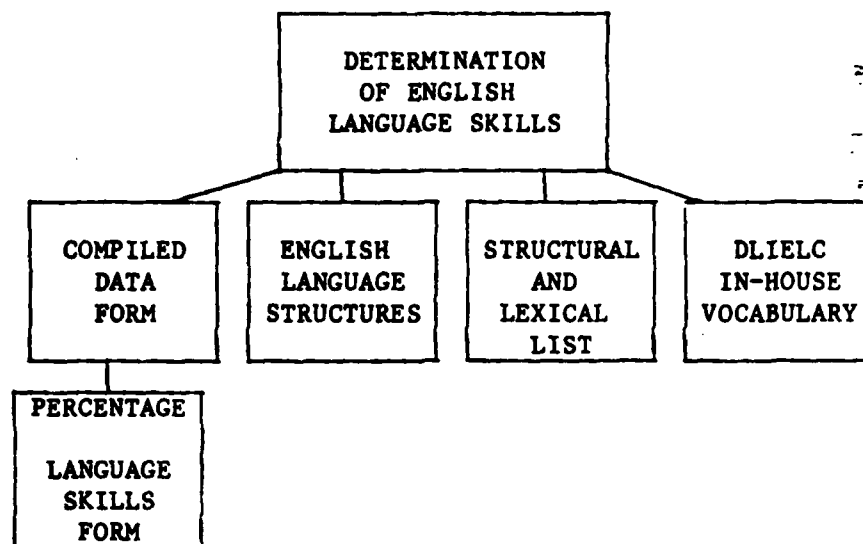


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

| VARIABLE | ENGLISH LANGUAGE SKILLS |
|---|---|
| Methods of Teaching demonstration lecture hands on self-paced | listening, listening, writing listening reading, writing |

| | |
|---|---|
| Methods of Testing performance oral written | listening speaking writing, reading |
| Rating of English Language Skills listening speaking reading writing | *a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied |

*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div TxVxR = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

| | |
|-----------|-----|
| Listening | 70% |
| Speaking | 54% |
| Reading | 33% |
| Writing | 35% |

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technical Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5. =

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.

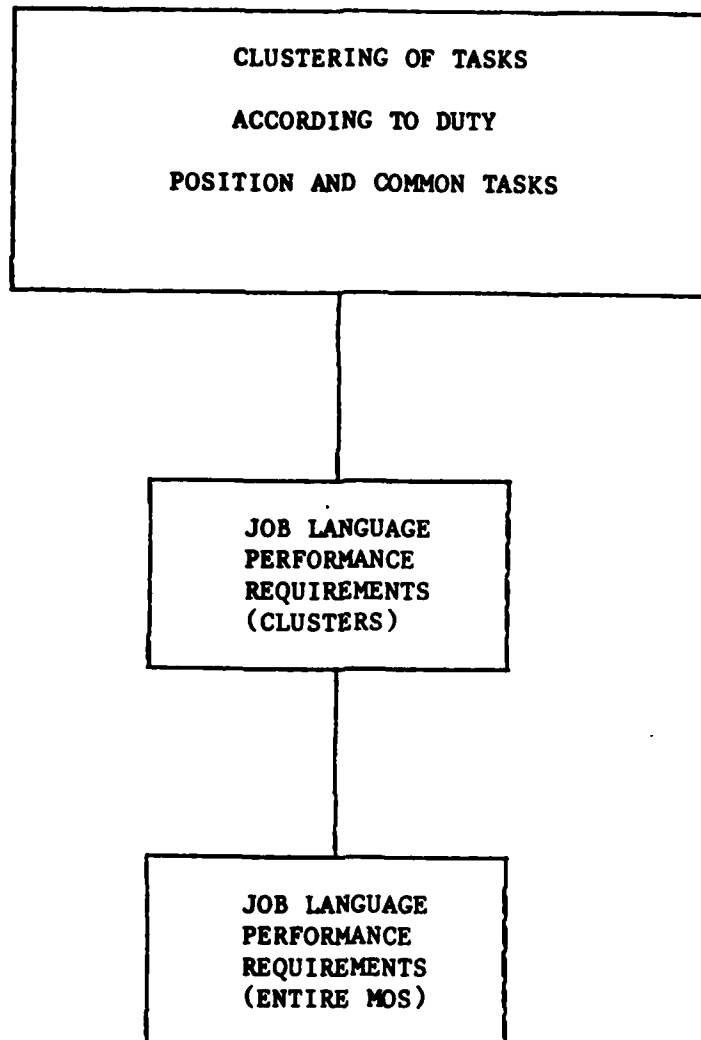


FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty position tasks in the Soldier's Manual.

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. BASIC INDIVIDUAL TECHNIQUES
5. CAMOUFLAGE
6. LAND NAVIGATION
7. M16A1 RIFLE
8. DA FORMS
9. GENERAL AIRCRAFT MAINTENANCE
10. FLIGHT LINE MAINTENANCE AND DUTIES
11. AIRFRAME AND FUSELAGE MAINTENANCE
12. POWERPLANT AND RELATED SYSTEMS MAINTENANCE
13. ROTOR AND TRANSMISSION MAINTENANCE
14. FLIGHT CONTROL SYSTEM MAINTENANCE
15. UTILITY AND HYDRAULIC SYSTEM MAINTENANCE

SECTION IV

JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldiers duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

Produces oral utterances to report/inform/explain/elicit response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldiers job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, fields manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 58% |
| Speaking | 57% |
| Reading | 30% |
| Writing | 31% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|--------------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Listen to respond |
| CONDITIONS: | Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral utterances |
| TASK: | Produce oral utterances to explain |
| CONDITIONS: | Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to inform |
| CONDITIONS: | Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

551-67Y-0122 Perform artificial respiration using chest-pressure,
arm-lift method
551-67Y-0123 Perform artificial respiration using mouth-to-mouth
method
551-67Y-0124 Stop the bleeding
551-67Y-0125 Administer shock control measures to a casualty
551-67Y-0126 Apply first aid treatment to burns
551-67Y-0127 Apply first aid measures to fractures
551-67Y-0128 Apply first aid measures for removing a foreign
object from the eye
551-67Y-0129 Apply first aid measures to a heat casualty
551-67Y-0130 Apply first aid measures to a cold weather casualty

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 69% |
| Speaking | 57% |
| Reading | 26% |
| Writing | 32% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|--------------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Listen to perform |
| CONDITIONS: | Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral utterances |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given NBC situations requiring oral alarms |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations |
| STANDARDS: | 100% understanding of printed material |
| TASK: | Write to record and report |
| CONDITIONS: | Given a requirement to produce a written report |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 551-67Y-0001 | Give NBC alarms |
| 551-67Y-0002 | Put on protective mask |
| 551-67Y-0003 | Post NBC markers |
| 551-67Y-0004 | Perform self-decontamination and decontamination of equipment and supplies following a chemical attack |
| 551-67Y-0005 | Perform self-decontamination and decontamination of equipment and supplies following a biological attack |
| 551-67Y-0006 | Apply first aid to a chemical casualty |
| 551-67Y-0007 | Inspect and clean the M17 protective mask and carrier |
| 551-67Y-0008 | Perform mask-to-mouth resuscitation |
| 551-67Y-0009 | Perform self-decontamination and decontamination of equipment and supplies following a nuclear attack |
| 551-67Y-0010 | Take protective measures against exposure while crossing a radiologically contaminated area |
| 551-67Y-0011 | Take defensive actions against a radiological hazard |

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 69% |
| Speaking | 34% |
| Reading | 19% |
| Writing | 22% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn and perform |
| CONDITIONS: | Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanations |
| STANDARDS: | 100% understanding of printed content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 551-67Y-0031 | Maintain an appropriate level of physical fitness (male soldiers) |
| 551-67Y-0032 | Maintain an appropriate level of physical fitness (female soldiers) |

BASIC INDIVIDUAL TECHNIQUES

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 69% |
| Speaking | 79% |
| Reading | 48% |
| Writing | 54% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-67Y-0150 Maintain individual clothing and equipment

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 80% |
| Speaking | 42% |
| Reading | 17% |
| Writing | 21% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

551-67Y-0052 Camouflage yourself and your weapon

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 64% |
| Speaking | 50% |
| Reading | 49% |
| Writing | 46% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to record
CONDITIONS: Given a requirement to record the grid reference
STANDARDS: 100% legible written content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 551-67Y-0093 | Determine a magnetic azimuth with a lensatic compass |
| 551-67Y-0094 | Measure a grid azimuth on a map with a protractor |
| 551-67Y-0095 | Convert a magnetic azimuth to a grid azimuth |
| 551-67Y-0096 | Measure ground distance on a map |

551-67Y-0097 Locate a point on a map using the military grid
reference system
551-67Y-0098 Orient a map using a compass
551-67Y-0099 Determine your location on a map
551-67Y-0100 Locate an unknown point on a map by intersection
551-67Y-0101 Locate an unknown point on a map by resection
551-67Y-0102 Determine elevation (relief) on a map

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 87% |
| Speaking | 55% |
| Reading | 18% |
| Writing | 20% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn and perform |
| CONDITIONS: | Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Produce oral utterances to inform and respond |
| CONDITIONS: | Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral utterances |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Read for information |
| CONDITIONS: | Given printed MOS training materials in the form of a range card |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to record |
| CONDITIONS: | Given a requirement to complete a range card |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 551-67Y-0071 | Disassemble and reassemble the M16A1 rifle |
| 551-67Y-0072 | Inspect, clean, and lubricate the M16A1 rifle |
| 551-67Y-0073 | Perform battlesight zeroing of the M16A1 rifle |

DA FORMS

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 63% |
| Speaking | 51% |
| Reading | 44% |
| Writing | 49% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions and procedures
STANDARDS: 100% understanding of printed content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

TASK: Write to record
CONDITIONS: Given the requirement to complete forms
STANDARDS: 100% legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 551-67Y-1028 | Maintain DA Form 2408-17 |
| 551-67Y-1029 | Maintain DA Form 2408-18 |
| 551-67Y-1711 | Prepare exchange tag (DA Form 2402) |
| 551-67Y-1712 | Prepare equipment inspection and maintenance worksheet (DA Form 2404) |
| 551-67Y-1713 | Prepare DA Forms 2407 and 2407-1 (Maintenance Request) |
| 551-67Y-1714 | Prepare and make entries on DA Form 2408-12 (Army Aviator's Flight Record) |

551-67Y-1715 Prepare DA Form 2408-13 (Aircraft Inspection and Maintenance Record)
 551-67Y-1716 Prepare DA Form 2408-14 (Uncorrected Fault Record)
 551-67Y-1717 Prepare DA Form 2410 (Component Removal and Repair/Overhaul Record)
 551-67Y-1718 Prepare DA Form 2410-1 (Component Removal, Installation, Movement, and Condition Record)
 551-67Y-1719 Prepare DD Forms 1574 and 1574-1 (Serviceable Tag and Label--Materiel)
 551-67Y-1720 Prepare DD Forms 1575 and 1575-1 (Suspended Tag and Label--Materiel)
 551-67Y-1721 Prepare DD Forms 1576 and 1576-1 (Test/Modification Tag and Label--Materiel)
 551-67Y-1722 Prepare DD Forms 1577 and 1577-1 (Unserviceable [Condemned] Tag and Label--Materiel)
 551-67Y-1723 Prepare DD Forms 1577-2 and 1577-3 (Unserviceable (Reparable) Tag and Label--Materiel)
 551-67Y-1724 Prepare DA Form 2407 (Modification Work Order (MWO) Request/Report)
 551-67Y-1725 Prepare DA Form 2407 (Equipment Improvement Recommendation)
 551-67Y-1726 Prepare DA Form 2407 (Monthly Maintenance Report)

GENERAL AIRCRAFT MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 49% |
| Speaking | 40% |
| Reading | 24% |
| Writing | 25% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given the requirement to complete forms and produce written reports
STANDARDS: 100% understandable and legible written content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

551-67Y-1417 Perform periodic inspection (AH-1G and Q)
551-67Y-1430 Perform internal inspection of engine lube oil filter assembly
551-67Y-1431 Remove tail rotor assembly for balancing
551-67Y-1432 Install tail rotor assembly
551-67Y-1701 Fuel the aircraft
551-67Y-1702 Fill, drain, and flush aircraft oil system
551-67Y-1704 Lubricate aircraft
551-67Y-1705 Requisition repair parts and special tools

551-67Y-1706 Insure that foreign object damage (FOD) control procedures are employed
 551-67Y-1707 Perform ground auxiliary and support equipment maintenance
 551-67Y-1708 Perform aircraft taxi direction duties
 551-67Y-1709 Perform precision tool operator maintenance
 551-67Y-1710 Maintain aircraft special and common tools
 551-67Y-1727 Defuel the aircraft
 551-67Y-2340 Remove and install engine oil pressure transmitter
 551-67Y-2341 Perform operational check on torque pressure indicator system
 551-67Y-2342 Remove and install torque pressure transmitter
 551-67Y-2345 Perform operational check on transmission oil pressure indicator system
 551-67Y-2346 Remove and install transmission oil pressure transmitter
 551-67Y-2352 Perform operational check on external power system
 551-67Y-2354 Perform operational check on generator and DC bus system
 551-67Y-2356 Perform operational check on starter system
 551-67Y-2357 Perform operational check on ignition system
 551-67Y-2359 Perform operational check on engine deicing system
 551-67Y-2361 Perform operational check on governor control system
 551-67Y-2366 Perform operational check on battery system
 551-67Y-2371 Perform operational check on interior light system
 551-67Y-2374 Perform operational check on navigation light system
 551-67Y-2379 Perform operational check on searchlight
 551-67Y-2385 Perform operational check on stability control and augmentation system
 551-67Y-2392 Preserve engine for storage
 551-67Y-2395 Maintain preservation during flyable storage
 551-67Y-2414 Depreserve aircraft after flyable storage
 551-67Y-2428 Inspect airframe for corrosion
 551-67Y-2452 Perform dye-penetrant inspections
 551-67Y-2475 Participate in equipment-improvement-recommendation program
 551-67Y-2479 Prepare aircraft component historical records

FLIGHT LINE MAINTENANCE AND DUTIES

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 73% |
| Speaking | 58% |
| Reading | 38% |
| Writing | 40% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of instructions, captioned illustrations, explanations and procedures
STANDARDS: 100% understanding of printed content

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|---------------------------------|
| 551-67Y-1005 | Service engine oil reservoir |
| 551-67Y-1006 | Service transmission oil system |
| 551-67Y-1007 | Service hydraulic reservoirs |
| 551-67Y-1008 | Service tail rotor gearboxes |
| 551-67Y-1009 | Install armament safety devices |

551-67Y-1022 Obtain engine oil system sample
551-67Y-1023 Obtain transmission oil sample
551-67Y-1024 Obtain intermediate gearbox oil sample
551-67Y-1040 Accomplish procedures for engine cleaning (internally)

AIRFRAME AND FUSELAGE MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 85% |
| Speaking | 59% |
| Reading | 41% |
| Writing | 43% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given the requirement to complete forms and produce written reports
STANDARDS: 100% understandable and legible written content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|---------------------------------------|
| 551-67Y-1071 | Remove and install tail boom assembly |
| 551-67Y-1075 | Remove and install wings |
| 551-67Y-1076 | Remove and install landing gear |
| 551-67Y-2036 | Check deflection of landing gear |

POWERPLANT AND RELATED SYSTEMS MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 68% |
| Speaking | 55% |
| Reading | 35% |
| Writing | 35% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 551-67Y-1098 | Remove left-side tripod mount |
| 551-67Y-1099 | Install left-side tripod mount |
| 551-67Y-1100 | Remove right-side bipod mount |
| 551-67Y-1101 | Install right-side bipod mount |
| 551-67Y-1102 | Remove air induction baffle |
| 551-67Y-1103 | Clean and inspect air induction baffle |
| 551-67Y-1104 | Install air induction baffle |
| 551-67Y-1105 | Remove separator assembly |
| 551-67Y-1106 | Clean separator assembly |
| 551-67Y-1107 | Inspect separator assembly |

| | |
|--------------|--|
| 551-67Y-1108 | Repair separator assembly |
| 551-67Y-1109 | Install separator assembly |
| 551-67Y-1110 | Remove FOD screens |
| 551-67Y-1111 | Inspect FOD screens |
| 551-67Y-1112 | Install FOD screens |
| 551-67Y-1113 | Remove fuel filter |
| 551-67Y-1114 | Inspect fuel filter |
| 551-67Y-1115 | Install fuel filter |
| 551-67Y-1131 | Remove combustion chamber drain valve |
| 551-67Y-1133 | Install combustion chamber drain valve |
| 551-67Y-1139 | Remove fuel inlet strainer |
| 551-67Y-1140 | Inspect fuel inlet strainer |
| 551-67Y-1141 | Install fuel inlet strainer |
| 551-67Y-1142 | Remove fuel pump discharge strainer and servo supply filter |
| 551-67Y-1143 | Inspect fuel pump discharge strainer and servo supply filter |
| 551-67Y-1144 | Install fuel pump discharge strainer and servo supply filter |
| 551-67Y-1147 | Remove power turbine bearing oil strainer |
| 551-67Y-1148 | Inspect power turbine bearing oil strainer |
| 551-67Y-1149 | Service power turbine bearing oil strainer |
| 551-67Y-1150 | Install power turbine bearing oil strainer |
| 551-67Y-1151 | Remove rear bearing housing oil strainer |
| 551-67Y-1152 | Inspect rear bearing housing oil strainer |
| 551-67Y-1153 | Service rear bearing housing oil strainer |
| 551-67Y-1154 | Install rear bearing housing oil strainer |
| 551-67Y-1155 | Remove lube oil filter assembly |
| 551-67Y-1156 | Disassemble lube oil filter assembly |
| 551-67Y-1157 | Service lube oil filter assembly |
| 551-67Y-1158 | Assemble lube oil filter assembly |
| 551-67Y-1159 | Install lube oil filter assembly |
| 551-67Y-1168 | Rig engine power lever controls |
| 551-67Y-1170 | Rig power turbine governor rpm controls |
| 551-67Y-2066 | Perform operational check of fuel pressure indicator system |
| 551-67Y-2067 | Remove fuel pressure transmitter |
| 551-67Y-2068 | Install fuel pressure transmitter |
| 551-67Y-2070 | Remove fuel quantity transmitter |
| 551-67Y-2071 | Install fuel quantity transmitter |
| 551-67Y-2072 | Remove fuel boost pumps |
| 551-67Y-2073 | Install fuel boost pumps |
| 551-67Y-2074 | Remove forward fuel cell |
| 551-67Y-2075 | Install forward fuel cell |
| 551-67Y-2076 | Remove aft fuel cell |
| 551-67Y-2077 | Install aft fuel cell |
| 551-67Y-2088 | Remove starter-generator |
| 551-67Y-2090 | Install starter-generator |
| 551-67Y-2119 | Service interstage bleed actuator assembly |
| 551-67Y-2136 | Remove engine assembly |
| 551-67Y-2137 | Install engine assembly |

ROTOR AND TRANSMISSION MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 79% |
| Speaking | 58% |
| Reading | 39% |
| Writing | 38% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|---|
| 551-67Y-1191 | Remove main drive shaft |
| 551-67Y-1195 | Install main drive shaft |
| 551-67Y-1200 | Remove pylon fifth mount |
| 551-67Y-1202 | Install pylon fifth mount |
| 551-67Y-1203 | Remove and install pylon dampers |
| 551-67Y-1205 | Remove transmission primary oil filter |
| 551-67Y-1206 | Clean transmission primary oil filter |
| 551-67Y-1207 | Inspect transmission primary oil filter |
| 551-67Y-1208 | Install transmission primary oil filter |
| 551-67Y-1209 | Remove transmission external oil filter |

551-67Y-1210 Clean transmission external oil filter
 551-67Y-1211 Inspect transmission external oil filter
 551-67Y-1212 Install transmission external oil filter
 551-67Y-1220 Remove main transmission
 551-67Y-1221 Install main transmission
 551-67Y-1222 Remove tail rotor drive shaft
 551-67Y-1223 Clean tail rotor drive shaft
 551-67Y-1226 Install tail rotor drive shaft
 551-67Y-1227 Remove tail rotor drive shaft hanger assembly
 551-67Y-1231 Install tail rotor drive shaft hanger assembly
 551-67Y-1232 Remove intermediate gearbox
 551-67Y-1233 Clean intermediate gearbox
 551-67Y-1235 Install intermediate gearbox
 551-67Y-1237 Correct power train malfunctions
 551-67Y-1238 Perform main rotor operational checks
 551-67Y-1239 Remove main rotor hub and blade assembly
 551-67Y-1242 Install main rotor hub and blade assembly
 551-67Y-1243 Perform minimum blade angle check
 551-67Y-1244 Remove scissors and sleeve assembly
 551-67Y-1246 Install scissors and sleeve assembly
 551-67Y-1247 Disassemble collective levers
 551-67Y-1249 Install collective levers
 551-67Y-1250 Remove drive link
 551-67Y-1252 Install drive link
 551-67Y-1253 Remove mast friction assembly
 551-67Y-1255 Install mast friction assembly
 551-67Y-1256 Adjust friction
 551-67Y-1257 Remove swashplate and support assembly
 551-67Y-1259 Install swashplate and support assembly
 551-67Y-1263 Correct vertical vibrations
 551-67Y-1264 Correct lateral vibrations
 551-67Y-1265 Remove tail rotor hub and blade assembly (part
 number 209-011-800-1) (AH-1G and Q)
 551-67Y-1268 Install tail rotor hub and blade assembly (part
 number 209-011-800-1) (AH-1G and Q)
 551-67Y-1269 Correct tail rotor malfunctions
 551-67Y-2159 Identify types of metal particles
 551-67Y-2160 Determine source of metal particles from transmission
 551-67Y-2161 Determine source of metal particles from intermediate
 gearbox
 551-67Y-2162 Determine source of metal particles from tail rotor
 rotor gearbox
 551-67Y-2168 Remove transmission oil cooler
 551-67Y-2169 Clean transmission oil cooler
 551-67Y-2170 Inspect transmission oil cooler
 551-67Y-2171 Install transmission oil cooler
 551-67Y-2174 Inspect main rotor mast (installed)
 551-67Y-2175 Remove main rotor mast
 551-67Y-2176 Install main rotor mast
 551-67Y-2187 Remove tail rotor gearbox
 551-67Y-2188 Clean tail rotor gearbox
 551-67Y-2191 Install tail rotor gearbox
 551-67Y-2192 Disassemble main rotor hub and blade assembly
 551-67Y-2193 Assemble main rotor hub and blade assembly

FLIGHT CONTROL SYSTEM MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 68% |
| Speaking | 54% |
| Reading | 34% |
| Writing | 33% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references
STANDARDS: 100% understanding of printed content

TASK: Write to inform
CONDITIONS: Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 551-67Y-1300 | Remove synchronized elevators |
| 551-67Y-1302 | Install synchronized elevators |
| 551-67Y-1303 | Rig elevator controls |
| 551-67Y-1305 | Rig tail rotor control system |
| 551-67Y-1308 | Perform tail rotor sprocket alinement |
| 551-67Y-1309 | Correct flight control malfunctions |
| 551-67Y-2224 | Remove tail rotor control cables and quadrant (AH-1G and Q) |
| 551-67Y-2226 | Install tail rotor control cables and quadrant (AH-1G and Q) |
| 551-67Y-2227 | Remove tail rotor control quill assembly (AH-1G and Q) |

551-67Y-2228 Inspect tail rotor control quill assembly
(AH-1G and Q)
551-67Y-2229 Install tail rotor control quill assembly
(AH-1G and Q)
551-67Y-2230 Rig collective control system
551-67Y-2231 Adjust pilot's collective control stick friction
551-67Y-2232 Rig cyclic control system

UTILITY AND HYDRAULIC SYSTEM MAINTENANCE

I. PERCENTAGE LANGUAGE SKILLS

| | |
|-----------|-----|
| Listening | 71% |
| Speaking | 57% |
| Reading | 36% |
| Writing | 36% |

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

| | |
|-------------|---|
| TASK: | Listen to learn |
| CONDITIONS: | Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understanding of oral communication |
| TASK: | Produce appropriate oral responses spontaneously or upon request |
| CONDITIONS: | Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable oral responses |
| TASK: | Read to learn |
| CONDITIONS: | Given printed MOS training materials in the form of captioned illustrations, warnings, procedures and references |
| STANDARDS: | 100% understanding of printed content |
| TASK: | Write to inform |
| CONDITIONS: | Given a requirement to write in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7) |
| STANDARDS: | 100% understandable and legible written content |

III. TASK NUMBERS AND TITLES

| | |
|--------------|--|
| 551-67Y-1331 | Perform ground operational check on hydraulic system |
| 551-67Y-1332 | Install hydraulic fittings |
| 551-67Y-1333 | Install hydraulic hoses |
| 551-67Y-1334 | Install hydraulic tubes |
| 551-67Y-1335 | Remove hydraulic pump |
| 551-67Y-1336 | Install hydraulic pump |
| 551-67Y-1338 | Remove module filter |
| 551-67Y-1339 | Install module filter |
| 551-67Y-1341 | Correct hydraulic system malfunctions |

551-67Y-2251 Remove environmental control unit
 551-67Y-2252 Install environmental control unit
 551-67Y-2253 Test heat exchanger reheater condenser
 551-67Y-2256 Remove temperature control and sensor
 551-67Y-2257 Install temperature control and sensor
 551-67Y-2259 Test temperature control valve
 551-67Y-2260 Remove temperature control valve
 551-67Y-2261 Install temperature control valve
 551-67Y-2265 Test pressure regulating and shutoff valve
 551-67Y-2267 Remove pressure regulating and shutoff valve
 551-67Y-2268 Install pressure regulating and shutoff valve
 551-67Y-2271 Remove flapper valve assembly
 551-67Y-2272 Install flapper valve assembly
 551-67Y-2774 Remove ambient air blower
 551-67Y-2775 Install ambient air blower
 551-67Y-2278 Troubleshoot and correct environmental control unit malfunctions
 551-67Y-2280 Remove rain removal nozzle
 551-67Y-2884 Install rain removal nozzle
 551-67Y-2288 Remove dual hydraulic cylinder
 551-67Y-2289 Clean dual hydraulic cylinder
 551-67Y-2292 Install dual hydraulic cylinder
 551-67Y-2293 Inspect the cyclic and collective servo actuator and the support mount bearing
 551-67Y-2294 Disassemble collective cylinder
 551-67Y-2296 Assemble collective cylinder
 551-67Y-2297 Disassemble lateral and fore and aft cyclic cylinders
 551-67Y-2299 Assemble lateral and fore and aft cyclic cylinders
 551-67Y-2300 Replace dual hydraulic cylinder valves
 551-67Y-2301 Remove tail rotor cylinder and support
 551-67Y-2303 Install tail rotor cylinder and support
 551-67Y-2304 Remove stability control augmentation system servo actuator
 551-67Y-2307 Install stability control augmentation system servo actuator
 551-67Y-2308 Replace stability control augmentation system filter

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

LISTENING

- TASK:** Understand oral language intended to inform or instruct.
- CONDITIONS:** Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding and assimilation of presented oral language task.

The following are specific conditions found in this language task:

Warnings
Described situations
Directions
Lectures
Commands, Orders
Sound tracks (films, tapes)
Standard/Non-standard English
Instructions
SQT questions

- TASK:** Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit responses.
- CONDITIONS:** Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)
- STANDARDS:** 100% understanding and assimilation of oral language in order to apply and respond.

The following are specific conditions found in this language task:

Shouting
Radio communications
Coded messages
Spellings
Conversation
Requests

SPEAKING

- TASK:** Formulate and produce appropriate oral responses spontaneously.
- CONDITIONS:** Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation.
(Appendices 5 & 6)
- STANDARDS:** 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:

Explanations
Statements
Repetitions
Counting
Corrections
Assignments
Notifications
Oral reports
Answers
Clarifications
Information

- TASK:** Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.
- CONDITIONS:** Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.
- STANDARDS:** 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information
Requesting permission
Transmitting messages
Call signs
Vocal signals
Shout warnings
Radio communications
Target locations
Directions (N,S,E,W)
Directions, general
Requests for fire
Report on the results of fire
Challenges/Passwords
Training sessions
Interaction

READING

- TASK:** Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of printed content.

The following are specific conditions found in this language task:
Captions with illustrations.

| | |
|--------------------|-------------------------------|
| Lists | Extracts |
| Procedures | Columns |
| Information | Indices |
| Definitions | Charts |
| Outlines | Methods |
| Signs | Technical Vocabulary |
| Markers | Standard Operating Procedures |
| References | Cartoons |
| Rules | Problems |
| Maps | Manuals |
| Flags | Graphic Training Aids |
| Military Documents | |
| I.D. Papers | |
| Regulations | |

- TASK:** Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.
- CONDITIONS:** Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation. (Appendices 4, 5 & 6)
- STANDARDS:** 100% understanding of written content.

The following are specific conditions found in this language task:

Lists
Information
Descriptions
Radiation readings off dosimeter
Coordinate scales
Callsigns-suffices
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages

WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.
- CONDITIONS:** Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.
- STANDARDS:** 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

- TASK:** Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.
- CONDITIONS:** Given standardized forms or paper and oral communication.
- STANDARDS:** 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards
Applicable DA forms

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from
the Task Prioritization Checklist.

100% CURRENT MOS: _____
(PRESENTLY WORKING IN) _____

MOS IN WHICH YOU WERE TRAINED: _____
POSITION: _____
UNIT: _____

RATING: 1=low
2= med
3= high

YES
NO IS TASK
TAUGHT?

LISTENING*
SPEAKING*
READING*
WRITING* OF:

LECTURE
SELF-PACED
DEMONSTRATION
HANDS-ON TAUGHT:

YES
NO IS TASK
TESTED?

WRITTEN
ORAL
PERFORMANCE TESTED?

PERSON
EQUIPMENT RESULTS
DANGER

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from
the Task Prioritization Checklist.

TRAINING SPECIALIST

[illegible]

5215 1110

MOS

674

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS | | NUMBER OF RESPONDENTS | | DATA OBTAINED FROM | | TRAINING SPECIALIST | |
|--------------|-----|-------------|---------------------|--------------------|---------------|------|-------------|---------------------|--------------------|---------------|-------------------------------|------------|-----------------------|---------|--------------------|------|---------------------|------------|
| | | | | | | | | | | | danger to person or equipment | importance | difficult? | tested? | written | oral | performance | self-paced |
| 551-674-0129 | | | | | | | | | | | | | | | | | | |
| 551-674-0130 | | | | | | | | | | | | | | | | | | |
| 551-674-0001 | | | | | | | | | | | | | | | | | | |
| 551-674-0002 | | | | | | | | | | | | | | | | | | |
| 551-674-0003 | | | | | | | | | | | | | | | | | | |
| 551-674-0004 | | | | | | | | | | | | | | | | | | |

FILED 110

NBC

MOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

[illegible]

MOS

674

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS |
|--------------|-----|-------------|---------------------|--------------------|---------------|---------------------|---------|-------------|---------------------|--------------------|---------------|
| | | | | | | difficult? | tested? | | | | |
| | | | | | | writing | | | | | |
| | | | | | | reading | | | | | |
| | | | | | | speaking | | | | | |
| | | | | | | listening | | | | | |
| | | | | | | written | | | | | |
| | | | | | | oral | | | | | |
| | | | | | | performance | | | | | |
| | | | | | | self-paced | | | | | |
| | | | | | | hands-on | | | | | |
| | | | | | | demonstration | | | | | |
| | | | | | | lecture | | | | | |
| | | | | | | danger to person or | | | | | |
| | | | | | | equipment | | | | | |
| | | | | | | importance | | | | | |
| | | | | | | difficult? | | | | | |
| | | | | | | tested? | | | | | |
| | | | | | | | | | | | |
| 551-674-0094 | | | | | | | | | | | |
| 551-674-0095 | | | | | | | | | | | |
| 551-674-0096 | | | | | | | | | | | |
| 551-674-0097 | | | | | | | | | | | |
| 551-674-0098 | | | | | | | | | | | |
| 551-674-0099 | | | | | | | | | | | |

LAND NAVIGATION

DATA OBTAINED FROM

TRAINING SPECIALIST

[illegible]

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST[illegible]

NO NAVIGATION ONLY

37512 14914

[illegible]

MOS

674

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | importance | equipment | danger to person or | lecture | demonstration | hands-on | self-paced | performance | oral | written | listening | speaking | reading | writing |
|----------------|-----|-------------|---------------------------|--------------------------|---------------------|------------|---------|------------|-----------|------------------------|---------|---------------|----------|------------|-------------|------|---------|-----------|----------|---------|---------|
| | | | | | | difficult? | tested? | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 551-674-1716 | | | | | | | | | | | | | | | | | | | | | |
| 551-674-1717 | | | | | | | | | | | | | | | | | | | | | |
| 551-674-1718 | | | | | | | | | | | | | | | | | | | | | |
| 551-674-1719 | | | | | | | | | | | | | | | | | | | | | |
| 551-674-1720 | | | | | | | | | | | | | | | | | | | | | |
| 551-674-1721 | | | | | | | | | | | | | | | | | | | | | |

DA Forms

20120 on
20120 20120
20120 20120

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | | | | | |
|--|-----|-------------|---------------------|--------------------|---------------|-------------------------------|------------|-------------|---------------------|--------------------|---------------|----------|------------|------------|---------------|---------|
| | | | | | | difficult? | tested? | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| MOS _____ NUMBER OF RESPONDENTS _____ | | | | | | | | | | | | | | | | |
| DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | | | | | | | | | | | | | |
| | | | self-paced | written | writing | danger to person or equipment | importance | performance | oral | reading | listening | | | | | |
| | | | | | | | | | | | | hands-on | lecture | difficult? | tested? | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| 551-674-1007 | | | demonstration | performance | speaking | importance | importance | performance | oral | reading | listening | | | | | |
| | | | | | | | | | | | | lecture | difficult? | tested? | | |
| | | | | | | | | | | | | | | | hands-on | written |
| | | | | | | | | | | | | | | | | |
| 551-674-1008 | | | lecture | performance | speaking | importance | importance | performance | oral | reading | listening | | | | | |
| | | | | | | | | | | | | hands-on | difficult? | tested? | | |
| | | | | | | | | | | | | | | | demonstration | written |
| | | | | | | | | | | | | | | | | |
| 6001-674-1009 | | | lecture | performance | speaking | importance | importance | performance | oral | reading | listening | | | | | |
| | | | | | | | | | | | | hands-on | difficult? | tested? | | |
| | | | | | | | | | | | | | | | demonstration | written |
| | | | | | | | | | | | | | | | | |
| 2701-674-1012 | | | lecture | performance | speaking | importance | importance | performance | oral | reading | listening | | | | | |
| | | | | | | | | | | | | hands-on | difficult? | tested? | | |
| | | | | | | | | | | | | | | | demonstration | written |
| | | | | | | | | | | | | | | | | |
| 551-674-1013 | | | lecture | performance | speaking | importance | importance | performance | oral | reading | listening | | | | | |
| | | | | | | | | | | | | hands-on | difficult? | tested? | | |
| | | | | | | | | | | | | | | | demonstration | written |
| | | | | | | | | | | | | | | | | |
| 551-674-1014 | | | lecture | performance | speaking | importance | importance | performance | oral | reading | listening | | | | | |
| | | | | | | | | | | | | hands-on | difficult? | tested? | | |
| | | | | | | | | | | | | | | | demonstration | written |
| | | | | | | | | | | | | | | | | |

Flight Line Maintenance And Services

DATA OBTAINED FROM

TRAINING SPECIALIST

AIRFRAME AND FUELAGE MOUNT.
EXCHANGES
FROM LINE
AND BUREAU

MOS

674

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | MOS | NUMBER OF RESPONDENTS | DATA OBTAINED FROM | TRAINING SPECIALIST | | | | |
|----------------|---------|-------------|---------------------------|--------------------------|---------------------|-------------------------------------|-------------|------------|-----------------------|--------------------|---------------------|-------------------------------------|------------|------------|---------|
| | | | | | | danger to person or equipment | importance | | | | | | | | |
| 551-674-1099 | writing | reading | speaking | listening | written | oral | performance | self-paced | hands-on | demonstration | lecture | | | | |
| | | | | | | | | | | | | danger to person or equipment | importance | | |
| | | | | | | | | | | | | | | difficult? | tested? |
| | | | | | | | | | | | | | | | |
| 551-674-1100 | writing | reading | speaking | listening | written | oral | performance | self-paced | hands-on | demonstration | lecture | | | | |
| | | | | | | | | | | | | danger to person or equipment | importance | | |
| | | | | | | | | | | | | | | difficult? | tested? |
| | | | | | | | | | | | | | | | |
| 551-674-1101 | writing | reading | speaking | listening | written | oral | performance | self-paced | hands-on | demonstration | lecture | | | | |
| | | | | | | | | | | | | danger to person or equipment | importance | | |
| | | | | | | | | | | | | | | difficult? | tested? |
| | | | | | | | | | | | | | | | |
| 551-674-1102 | writing | reading | speaking | listening | written | oral | performance | self-paced | hands-on | demonstration | lecture | | | | |
| | | | | | | | | | | | | danger to person or equipment | importance | | |
| | | | | | | | | | | | | | | difficult? | tested? |
| | | | | | | | | | | | | | | | |
| 551-674-1103 | writing | reading | speaking | listening | written | oral | performance | self-paced | hands-on | demonstration | lecture | | | | |
| | | | | | | | | | | | | danger to person or equipment | importance | | |
| | | | | | | | | | | | | | | difficult? | tested? |
| | | | | | | | | | | | | | | | |
| 551-674-1104 | writing | reading | speaking | listening | written | oral | performance | self-paced | hands-on | demonstration | lecture | | | | |
| | | | | | | | | | | | | danger to person or equipment | importance | | |
| | | | | | | | | | | | | | | difficult? | tested? |
| | | | | | | | | | | | | | | | |

POWER PLANT AND RELATED SYSTEMS MAINT.

| PAGE 12 OF 45 | | MOS 674 | NUMBER OF RESPONDENTS | |
|---------------------------|---------------------|--|-----------------------|---------------------|
| | | DATA OBTAINED FROM | | TRAINING SPECIALIST |
| RATING OF ELS | writing | | | |
| | reading | | | |
| | speaking | | | |
| | listening | | | |
| METHODS OF TESTING | written | | | |
| | oral | | | |
| | performance | | | |
| METHODS OF TEACHING | self-paced | | | |
| | hands-on | | | |
| | demonstration | | | |
| | lecture | | | |
| CRITICALITY | danger to person or | | | |
| | equipment | | | |
| | importance | | | |
| UNIT | difficult? | | | |
| | tested? | | | |
| | | MOS NUMBER OF RESPONDENTS | | |
| | | DATA OBTAINED FROM TRAINING SPECIALIST | | |
| RATING OF ELS | writing | | | |
| | reading | | | |
| | speaking | | | |
| | listening | | | |
| METHODS OF TESTING | written | | | |
| | oral | | | |
| | performance | | | |
| METHODS OF TEACHING | self-paced | | | |
| | hands-on | | | |
| | demonstration | | | |
| | lecture | | | |
| CRITICALITY | danger to person or | | | |
| | equipment | | | |
| | importance | | | |
| AIT | difficulty? | | | |
| | tested? | | | |
| | taught? | | | |
| TASK NUMBER | | 551-674-1105 | 551-674-1106 | 551-674-1107 |
| | | | | 551-674-1108 |
| | | | | 551-674-1109 |
| | | | | 551-674-1110 |

Language and Related Systems Maintenance

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS _____ NUMBER OF RESPONDENTS _____ | | DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | |
|----------------|---------|-------------|---------------------------|--------------------------|---|---|---|--|--------------------------------|---|---|---------------------------------------|--|--|--|
| | | | | | | danger to person or equipment importance | difficult? tested? | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 551-674-1112 | taught? | importance | lecture | performance | writing reading speaking listening | tested? | danger to person or equipment importance | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | danger to person or equipment importance | difficult? tested? | | | |
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| 551-674-1113 | taught? | importance | lecture | performance | writing reading speaking listening | tested? | danger to person or equipment importance | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | danger to person or equipment importance | difficult? tested? | | | |
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| | | | | | | | | | | | | | | | |
| 551-674-1114 | taught? | importance | lecture | performance | writing reading speaking listening | tested? | danger to person or equipment importance | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | danger to person or equipment importance | difficult? tested? | | | |
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| 551-674-1115 | taught? | importance | lecture | performance | writing reading speaking listening | tested? | danger to person or equipment importance | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | danger to person or equipment importance | difficult? tested? | | | |
| | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | |
| 551-674-1131 | taught? | importance | lecture | performance | writing reading speaking listening | tested? | danger to person or equipment importance | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | danger to person or equipment importance | difficult? tested? | | | |
| | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | |
| 551-674-1133 | taught? | importance | lecture | performance | writing reading speaking listening | tested? | danger to person or equipment importance | self-paced hands-on demonstration lecture | performance oral written | writing reading speaking listening | danger to person or equipment importance | difficult? tested? | | | |
| | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | |

| RATING OF ELS | METHODS OF TESTING | METHODS OF TEACHING | CRITICALITY | UNIT |
|---|--------------------------------|--|---|-----------------------------------|
| writing reading speaking listening | written oral performance | self-paced hands-on demonstration lecture | danger to person or equipment importance | difficult? tested? |
| MOS _____ NUMBER OF RESPONDENTS _____ DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | |
| RATING OF ELS | METHODS OF TESTING | METHODS OF TEACHING | CRITICALITY | AIT |
| writing reading speaking listening | written oral performance | self-paced hands-on demonstration lecture | danger to person or equipment importance | difficulty? tested? taught? |
| TASK NUMBER | | | | |

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| RATING OF ELS | writing | reading | speaking | listening |
|---|-------------------------------|------------|---------------|-----------|
| METHODS OF TESTING | written | oral | performance | |
| METHODS OF TEACHING | self-paced | hands-on | demonstration | lecture |
| CRITICALITY | danger to person or equipment | importance | | |
| UNIT | difficult? | tested? | | |
| MOS _____ NUMBER OF RESPONDENTS _____ DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | | |
| RATING OF ELS | writing | reading | speaking | listening |
| METHODS OF TESTING | written | oral | performance | |
| METHODS OF TEACHING | self-paced | hands-on | demonstration | lecture |
| CRITICALITY | danger to person or equipment | importance | | |
| AIT | difficulty? | tested? | taught? | |
| TASK NUMBER | | | | |

MOS

677

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | importance | equipment | danger to person or | lecture | demonstration | hands-on | self-paced | performance | oral | written | listening | speaking | reading | writing |
|--------------|-----|-------------|---------------------|--------------------|---------------|---------|------------|------------|-----------|---------------------|---------|---------------|----------|------------|-------------|------|---------|-----------|----------|---------|---------|
| | | | | | | tested? | difficult? | | | | | | | | | | | | | | |
| 551-677-1153 | | | | | | | | | | | | | | | | | | | | | |
| 551-677-1154 | | | | | | | | | | | | | | | | | | | | | |
| 551-677-1155 | | | | | | | | | | | | | | | | | | | | | |
| 551-677-1156 | | | | | | | | | | | | | | | | | | | | | |
| 551-677-1157 | | | | | | | | | | | | | | | | | | | | | |
| 551-677-1158 | | | | | | | | | | | | | | | | | | | | | |

POWERPLANT AND RELATED SYSTEMS MAINTENANCE

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| RATING OF ELS | writing | reading | speaking | listening |
|---------------------|---|------------|---------------|-----------|
| | written | oral | performance | |
| | self-paced | hands-on | demonstration | lecture |
| | danger to person or equipment | importance | | |
| UNIT | difficult? | tested? | | |
| | MOS _____ NUMBER OF RESPONDENTS _____ DATA OBTAINED FROM _____ TRAINING SPECIALIST _____ | | | |
| RATING OF ELS | writing | reading | speaking | listening |
| | written | oral | performance | |
| | self-paced | hands-on | demonstration | lecture |
| | danger to person or equipment | importance | | |
| AIT | difficulty? | tested? | taught? | |
| | TASK NUMBER | | | |

POWERLINE AND RETEL SYSTEMS MAINT

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

[illegible]

OWEN PLANT AND RESEARCH SYSTEMS MANAGEMENT

DATA OBTAINED FROM TRAINING SPECIALIST

[illegible]

MOS

674

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS | | NUMBER OF RESPONDENTS | | DATA OBTAINED FROM | | TRAINING SPECIALIST | |
|--------------|-----|-------------|---------------------|--------------------|---------------|------|-------------|---------------------|--------------------|---------------|-------------------------------|------------|-----------------------|---------|--------------------|----------|---------------------|---------|
| | | | | | | | | | | | danger to person or equipment | importance | difficult? | tested? | self-paced | hands-on | demonstration | lecture |
| 551-674-1191 | | | | | | | | | | | | | | | | | | |
| 551-674-1195 | | | | | | | | | | | | | | | | | | |
| 551-674-1200 | | | | | | | | | | | | | | | | | | |
| 551-674-1202 | | | | | | | | | | | | | | | | | | |
| 551-674-1203 | | | | | | | | | | | | | | | | | | |
| 551-674-1205 | | | | | | | | | | | | | | | | | | |

ROTOR AND TRANSMISSION MAINTENANCE

TRAINING SPECIALIST

Rotor and Transmitter Mechanisms

DATA OBTAINED FROM

TRAINING SPECIALIST

| UNIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | written | oral | performance | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | self-paced | hands-on | demonstration | lecture | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | danger to person or equipment | importance | difficult? | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| MOS | NUMBER OF RESPONDENTS |
|-----|-----------------------|
| 1 | 1 |
| 2 | 1 |
| 3 | 1 |
| 4 | 1 |
| 5 | 1 |
| 6 | 1 |
| 7 | 1 |
| 8 | 1 |
| 9 | 1 |
| 10 | 1 |
| 11 | 1 |
| 12 | 1 |
| 13 | 1 |
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| 67 | 1 |
| 68 | 1 |
| 69 | 1 |
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| 87 | 1 |
| 88 | 1 |
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| 90 | 1 |
| 91 | 1 |
| 92 | 1 |
| 93 | 1 |
| 94 | 1 |
| 95 | 1 |
| 96 | 1 |
| 97 | 1 |
| 98 | 1 |
| 99 | 1 |
| 100 | 1 |

| | |
|--------------------|---------------------|
| DATA OBTAINED FROM | TRAINING SPECIALIST |
|--------------------|---------------------|

| RATING OF ELS | | METHODS OF TESTING | | METHODS OF TEACHING | | CRITICALITY | | AIT | |
|---------------|-------------------------------|--------------------|--|---------------------|--|-------------|--|-----|--|
| | writing | | | | | | | | |
| | reading | | | | | | | | |
| | speaking | | | | | | | | |
| | listening | | | | | | | | |
| | written | | | | | | | | |
| | oral | | | | | | | | |
| | performance | | | | | | | | |
| | self-paced | | | | | | | | |
| | hands-on | | | | | | | | |
| | demonstration | | | | | | | | |
| | lecture | | | | | | | | |
| | danger to person or equipment | | | | | | | | |
| | importance | | | | | | | | |
| | difficulty? | | | | | | | | |
| | tested? | | | | | | | | |
| | taught? | | | | | | | | |

[illegible]

551-674-1220

511-674-1221

2271-49-15

551-674-1223

9221-569-1226

551 229 1727

Route and Regulation maintenance

DATA OBTAINED FROM _____ TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS |
|----------------|-----------------------------------|---|--|--------------------------------|---------------------|
| | | | | | |
| 551-674-1231 | difficulty? tested? taught? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | writing |
| | | | | | reading |
| | | | | | speaking |
| | | | | | listening |
| 551-674-1232 | difficulty? tested? taught? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | |
| | | | | | |
| | | | | | |
| | | | | | |
| 551-674-1233 | difficulty? tested? taught? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | |
| | | | | | |
| | | | | | |
| | | | | | |
| 551-674-1235 | difficulty? tested? taught? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | |
| | | | | | |
| | | | | | |
| | | | | | |
| 551-674-1237 | difficulty? tested? taught? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | |
| | | | | | |
| | | | | | |
| | | | | | |
| 551-674-1238 | difficulty? tested? taught? | danger to person or equipment importance | self-paced hands-on demonstration lecture | written oral performance | |
| | | | | | |
| | | | | | |
| | | | | | |

Flotie and Transmissions Maintenance

ROYAL AND TRANSMISSION MANUFACTURE

| DATA OBTAINED FROM | TRAINING SPECIALIST |
|------------------------------------|------------------------------------|
| 1. <u>Training Manual</u> | 1. <u>Training Manual</u> |
| 2. <u>Training Plan</u> | 2. <u>Training Plan</u> |
| 3. <u>Training Record</u> | 3. <u>Training Record</u> |
| 4. <u>Training Report</u> | 4. <u>Training Report</u> |
| 5. <u>Training Log</u> | 5. <u>Training Log</u> |
| 6. <u>Training Schedule</u> | 6. <u>Training Schedule</u> |
| 7. <u>Training Materials</u> | 7. <u>Training Materials</u> |
| 8. <u>Training Equipment</u> | 8. <u>Training Equipment</u> |
| 9. <u>Training Facilities</u> | 9. <u>Training Facilities</u> |
| 10. <u>Training Personnel</u> | 10. <u>Training Personnel</u> |
| 11. <u>Training Budget</u> | 11. <u>Training Budget</u> |
| 12. <u>Training Evaluation</u> | 12. <u>Training Evaluation</u> |
| 13. <u>Training Feedback</u> | 13. <u>Training Feedback</u> |
| 14. <u>Training Improvement</u> | 14. <u>Training Improvement</u> |
| 15. <u>Training Innovation</u> | 15. <u>Training Innovation</u> |
| 16. <u>Training Research</u> | 16. <u>Training Research</u> |
| 17. <u>Training Development</u> | 17. <u>Training Development</u> |
| 18. <u>Training Implementation</u> | 18. <u>Training Implementation</u> |
| 19. <u>Training Monitoring</u> | 19. <u>Training Monitoring</u> |
| 20. <u>Training Assessment</u> | 20. <u>Training Assessment</u> |
| 21. <u>Training Review</u> | 21. <u>Training Review</u> |
| 22. <u>Training Summary</u> | 22. <u>Training Summary</u> |
| 23. <u>Training Conclusion</u> | 23. <u>Training Conclusion</u> |
| 24. <u>Training Recommendation</u> | 24. <u>Training Recommendation</u> |
| 25. <u>Training Action Plan</u> | 25. <u>Training Action Plan</u> |
| 26. <u>Training Follow-up</u> | 26. <u>Training Follow-up</u> |
| 27. <u>Training Evaluation</u> | 27. <u>Training Evaluation</u> |
| 28. <u>Training Feedback</u> | 28. <u>Training Feedback</u> |
| 29. <u>Training Improvement</u> | 29. <u>Training Improvement</u> |
| 30. <u>Training Innovation</u> | 30. <u>Training Innovation</u> |
| 31. <u>Training Research</u> | 31. <u>Training Research</u> |
| 32. <u>Training Development</u> | 32. <u>Training Development</u> |
| 33. <u>Training Implementation</u> | 33. <u>Training Implementation</u> |
| 34. <u>Training Monitoring</u> | 34. <u>Training Monitoring</u> |
| 35. <u>Training Assessment</u> | 35. <u>Training Assessment</u> |
| 36. <u>Training Review</u> | 36. <u>Training Review</u> |
| 37. <u>Training Summary</u> | 37. <u>Training Summary</u> |
| 38. <u>Training Conclusion</u> | 38. <u>Training Conclusion</u> |
| 39. <u>Training Recommendation</u> | 39. <u>Training Recommendation</u> |
| 40. <u>Training Action Plan</u> | 40. <u>Training Action Plan</u> |
| 41. <u>Training Follow-up</u> | 41. <u>Training Follow-up</u> |
| 42. <u>Training Evaluation</u> | 42. <u>Training Evaluation</u> |
| 43. <u>Training Feedback</u> | 43. <u>Training Feedback</u> |
| 44. <u>Training Improvement</u> | 44. <u>Training Improvement</u> |
| 45. <u>Training Innovation</u> | 45. <u>Training Innovation</u> |
| 46. <u>Training Research</u> | 46. <u>Training Research</u> |
| 47. <u>Training Development</u> | 47. <u>Training Development</u> |
| 48. <u>Training Implementation</u> | 48. <u>Training Implementation</u> |
| 49. <u>Training Monitoring</u> | 49. <u>Training Monitoring</u> |
| 50. <u>Training Assessment</u> | 50. <u>Training Assessment</u> |
| 51. <u>Training Review</u> | 51. <u>Training Review</u> |
| 52. <u>Training Summary</u> | 52. <u>Training Summary</u> |
| 53. <u>Training Conclusion</u> | 53. <u>Training Conclusion</u> |
| 54. <u>Training Recommendation</u> | 54. <u>Training Recommendation</u> |
| 55. <u>Training Action Plan</u> | 55. <u>Training Action Plan</u> |
| 56. <u>Training Follow-up</u> | 56. <u>Training Follow-up</u> |
| 57. <u>Training Evaluation</u> | 57. <u>Training Evaluation</u> |
| 58. <u>Training Feedback</u> | 58. <u>Training Feedback</u> |
| 59. <u>Training Improvement</u> | 59. <u>Training Improvement</u> |
| 60. <u>Training Innovation</u> | 60. <u>Training Innovation</u> |
| 61. <u>Training Research</u> | 61. <u>Training Research</u> |
| 62. <u>Training Development</u> | 62. <u>Training Development</u> |
| 63. <u>Training Implementation</u> | 63. <u>Training Implementation</u> |
| 64. <u>Training Monitoring</u> | 64. <u>Training Monitoring</u> |
| 65. <u>Training Assessment</u> | 65. <u>Training Assessment</u> |
| 66. <u>Training Review</u> | 66. <u>Training Review</u> |
| 67. <u>Training Summary</u> | 67. <u>Training Summary</u> |
| 68. <u>Training Conclusion</u> | 68. <u>Training Conclusion</u> |
| 69. <u>Training Recommendation</u> | 69. <u>Training Recommendation</u> |
| 70. <u>Training Action Plan</u> | 70. <u>Training Action Plan</u> |
| 71. <u>Training Follow-up</u> | 71. <u>Training Follow-up</u> |
| 72. <u>Training Evaluation</u> | 72. <u>Training Evaluation</u> |
| 73. <u>Training Feedback</u> | 73. <u>Training Feedback</u> |
| 74. <u>Training Improvement</u> | 74. <u>Training Improvement</u> |
| 75. <u>Training Innovation</u> | 75. <u>Training Innovation</u> |
| 76. <u>Training Research</u> | 76. <u>Training Research</u> |
| 77. <u>Training Development</u> | 77. <u>Training Development</u> |
| 78. <u>Training Implementation</u> | 78. <u>Training Implementation</u> |
| 79. <u>Training Monitoring</u> | 79. <u>Training Monitoring</u> |
| 80. <u>Training Assessment</u> | 80. <u>Training Assessment</u> |
| 81. <u>Training Review</u> | 81. <u>Training Review</u> |
| 82. <u>Training Summary</u> | 82. <u>Training Summary</u> |
| 83. <u>Training Conclusion</u> | 83. <u>Training Conclusion</u> |
| 84. <u>Training Recommendation</u> | 84. <u>Training Recommendation</u> |
| 85. <u>Training Action Plan</u> | 85. <u>Training Action Plan</u> |
| 86. <u>Training Follow-up</u> | 86. <u>Training Follow-up</u> |
| 87. <u>Training Evaluation</u> | 87. <u>Training Evaluation</u> |
| 88. <u>Training Feedback</u> | 88. <u>Training Feedback</u> |
| 89. <u>Training Improvement</u> | 89. <u>Training Improvement</u> |
| 90. <u>Training Innovation</u> | 90. <u>Training Innovation</u> |
| 91. <u>Training Research</u> | 91. <u>Training Research</u> |
| 92. <u>Training Development</u> | 92. <u>Training Development</u> |
| 93. <u>Training Implementation</u> | 93. <u>Training Implementation</u> |
| 94. <u>Training Monitoring</u> | 94. <u>Training Monitoring</u> |
| 95. <u>Training Assessment</u> | 95. <u>Training Assessment</u> |
| 96. <u>Training Review</u> | 96. <u>Training Review</u> |
| 97. <u>Training Summary</u> | 97. <u>Training Summary</u> |
| 98. <u>Training Conclusion</u> | 98. <u>Training Conclusion</u> |
| 99. <u>Training Recommendation</u> | 99. <u>Training Recommendation</u> |
| 100. <u>Training Action Plan</u> | 100. <u>Training Action Plan</u> |
| 101. <u>Training Follow-up</u> | 101. <u>Training Follow-up</u> |
| 102. <u>Training Evaluation</u> | 102. <u>Training Evaluation</u> |
| 103. <u>Training Feedback</u> | 103. <u>Training Feedback</u> |
| 104. <u>Training Improvement</u> | |

411-674-1257

22702 and 22703 Miss. 1911

Korea and Transnistria movements

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | importance | equipment | danger to person or |
|----------------|-----|-------------|--|--------------------------------|---|------------|---------|------------|-----------|------------------------|
| | | | | | | difficult? | tested? | | | |
| 551-674-2159 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| 551-674-2160 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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| | | | | | | | | | | |
| 551-674-2161 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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| 551-674-2162 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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| | | | | | | | | | | |
| 551-674-2168 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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| | | | | | | | | | | |
| 551-674-2169 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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Return and TRANSMISSION MAINPANCE

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | importance | equipment | danger to person or |
|----------------|-----|-------------|--|--------------------------------|---|---------|------------|------------|-----------|------------------------|
| | | | | | | tested? | difficult? | | | |
| | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| 51-674-2170 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 51-674-2171 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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| | | | | | | | | | | |
| 51-674-2174 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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| | | | | | | | | | | |
| 51-674-2175 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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| | | | | | | | | | | |
| 51-674-2176 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 51-674-2177 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | | | | | |
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ROTOR AND TRANSMISSION MAINTENANCE

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST[illegible]

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS |
|----------------|-------------|------------------------|---------------------------|--------------------------|---------------------|
| | difficulty? | danger to person or | self-paced | written | writing |
| | tested? | equipment | hands-on | oral | reading |
| | taught? | importance | demonstration | performance | speaking |
| | | | lecture | | listening |
| 551 674-2191 | | | | | |
| 551 674-2192 | | | | | |
| 551 674-2193 | | | | | |
| 551 674-1300 | | | | | |
| 551 674-1302 | | | | | |
| 551 674-1503 | | | | | |

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No. 104545

TRAINING SPECIALIST

**TASK
NUMBER**

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[illegible]

MOS 674

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | | importance | equipment | danger to person or | lecture | demonstration | hands-on | self-paced | performance | oral | written | listening | speaking | reading | writing | | |
|----------------|-----|-------------|---------------------------|--------------------------|---------------------|---------|------------|------------|-----------|------------------------|---------|---------------|----------|------------|-------------|------|---------|-----------|----------|---------|---------|--|--|
| | | | | | | tested? | difficult? | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
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| 551-674-1332 | | | | | | | | | | | | | | | | | | | | | | | |
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| 551-674-1333 | | | | | | | | | | | | | | | | | | | | | | | |
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| 551-674-1334 | | | | | | | | | | | | | | | | | | | | | | | |
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| 551-674-1335 | | | | | | | | | | | | | | | | | | | | | | | |
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| 551-674-1336 | | | | | | | | | | | | | | | | | | | | | | | |
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| 551-674-1337 | | | | | | | | | | | | | | | | | | | | | | | |
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UTILITY AND HYDRAULIC SYSTEM MAINTENANCE

171677 AND HYDRAULIC SYSTEM MANUFACTURING

MOS

624

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS | | NUMBER OF RESPONDENTS | | DATA OBTAINED FROM | | TRAINING SPECIALIST | |
|-------------|-----|-------------|--|--------------------------------|---|-----------------------|---|---------------------|--------------------|---------------|-------------------------------|------------|-----------------------|---------|-------------------------------|------------|---------------------|---------|
| | | | | | | | | | | | danger to person or equipment | importance | difficult? | tested? | danger to person or equipment | importance | difficult? | tested? |
| 551674-2259 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | danger to person or equipment importance | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 551674-2260 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | danger to person or equipment importance | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 551674-2261 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | danger to person or equipment importance | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 551674-2265 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | danger to person or equipment importance | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 551674-2267 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | danger to person or equipment importance | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 4911-444153 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | danger to person or equipment importance | | | | | | | | | | | |
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UTILITY AND HYDRAULIC SYSTEM MAINTENANCE

MOS

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS | | NUMBER OF RESPONDENTS | | DATA OBTAINED FROM | | TRAINING SPECIALIST | | |
|--------------|-----|-------------|---------------------|--------------------|---------------|------|-------------|---------------------|--------------------|---------------|-------------------------------|------------|-----------------------|---------|--------------------|------|---------------------|------------|----------|
| | | | | | | | | | | | danger to person or equipment | importance | difficult? | tested? | written | oral | performance | self-paced | hands-on |
| 551-674-2271 | | | | | | | | | | | | | | | | | | | |
| 551-674-2272 | | | | | | | | | | | | | | | | | | | |
| 551-674-2774 | | | | | | | | | | | | | | | | | | | |
| 551-674-2775 | | | | | | | | | | | | | | | | | | | |
| 551-674-1778 | | | | | | | | | | | | | | | | | | | |
| 551-674-2180 | | | | | | | | | | | | | | | | | | | |

UTILITY AND HYDRAULIC SYSTEM MAINTENANCE

MOS 6511 NUMBER OF RESPONDENTS _____
DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | importance | equipment | danger to person or | lecture | demonstration | hands-on | self-paced | performance | oral | written | listening | speaking | reading | writing |
|----------------|-------------|-------------|---------------------------|--------------------------|---------------------|------|------------|-----------|------------------------|---------|---------------|----------|------------|-------------|------|---------|-----------|----------|---------|---------|
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 551-674-2884 | taught? | | | | | | | | | | | | | | | | | | | |
| | tested? | | | | | | | | | | | | | | | | | | | |
| | difficulty? | | | | | | | | | | | | | | | | | | | |
| 551-674-2288 | taught? | | | | | | | | | | | | | | | | | | | |
| | tested? | | | | | | | | | | | | | | | | | | | |
| | difficulty? | | | | | | | | | | | | | | | | | | | |
| 551-674-2289 | taught? | | | | | | | | | | | | | | | | | | | |
| | tested? | | | | | | | | | | | | | | | | | | | |
| | difficulty? | | | | | | | | | | | | | | | | | | | |
| 551-674-2292 | taught? | | | | | | | | | | | | | | | | | | | |
| | tested? | | | | | | | | | | | | | | | | | | | |
| | difficulty? | | | | | | | | | | | | | | | | | | | |
| 551-674-2293 | taught? | | | | | | | | | | | | | | | | | | | |
| | tested? | | | | | | | | | | | | | | | | | | | |
| | difficulty? | | | | | | | | | | | | | | | | | | | |
| 551-674-2294 | taught? | | | | | | | | | | | | | | | | | | | |
| | tested? | | | | | | | | | | | | | | | | | | | |
| | difficulty? | | | | | | | | | | | | | | | | | | | |
| 551-674-2295 | taught? | | | | | | | | | | | | | | | | | | | |
| | tested? | | | | | | | | | | | | | | | | | | | |
| | difficulty? | | | | | | | | | | | | | | | | | | | |
| 551-674-2296 | taught? | | | | | | | | | | | | | | | | | | | |
| | tested? | | | | | | | | | | | | | | | | | | | |
| | difficulty? | | | | | | | | | | | | | | | | | | | |

UTILITY AND HYDRAULIC SYSTEM MAINTENANCE

[illegible]

DATA OBTAINED FROM _____ TRAINING SPECIALIST

| TASK | NUMBER |
|------|--------|
| 1 | 1 |
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| 3 | 3 |
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| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |
| 10 | 10 |
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| 32 | 32 |
| 33 | 33 |
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| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |

UTILITY AND HYDROELECTRIC
SYSTEM
MANAGEMENT

2124 222 216W
2222 216 2222 222

MOS

674

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS | | NUMBER OF RESPONDENTS | | DATA OBTAINED FROM | | TRAINING SPECIALIST | |
|-------------|-----|-------------|---------------------|--------------------|---------------|------|-------------|---------------------|--------------------|---------------|-------------------------------|------------|-----------------------|----------|--------------------|---------|---------------------|------|
| | | | | | | | | | | | danger to person or equipment | importance | self-paced | hands-on | demonstration | lecture | written | oral |
| 551674-1701 | | | | | | | | | | | | | | | | | | |
| 551674-1702 | | | | | | | | | | | | | | | | | | |
| 551674-1704 | | | | | | | | | | | | | | | | | | |
| 551674-1705 | | | | | | | | | | | | | | | | | | |
| 551674-1706 | | | | | | | | | | | | | | | | | | |
| 551674-1707 | | | | | | | | | | | | | | | | | | |

GENERAL AIRCRAFT MAINTENANCE

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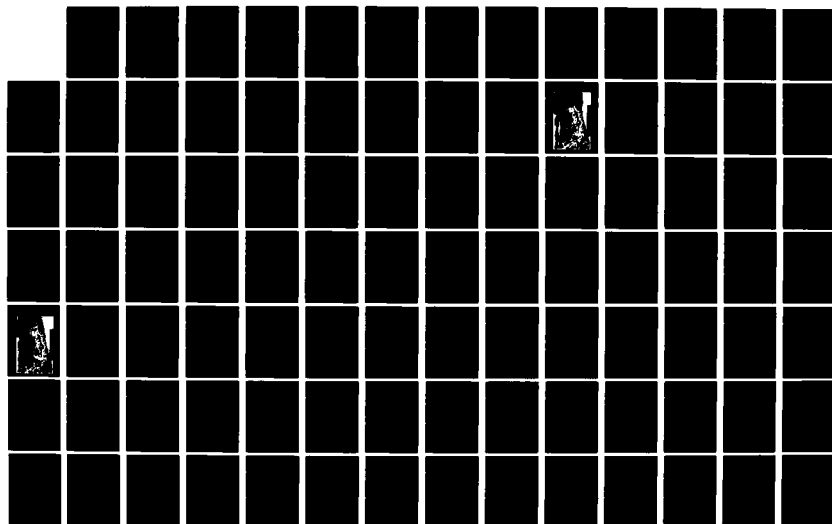
JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 67Y
ATTACK HELICOPTER REPAIR (U) DEFENSE LANGUAGE INST
LACKLAND AFB TX ENGLISH LANGUAGE CENTER. 30 AUG 77

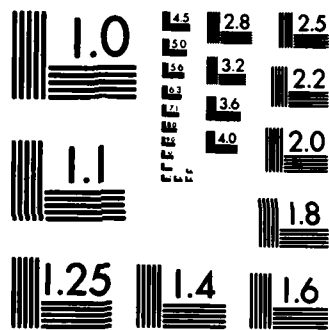
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MICROCOPY RESOLUTION TEST CHART
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TRAINING SPECIALIST

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DATA OBTAINED FROM _____ TRAINING SPECIALIST

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5-במהלך שנות ה-70, כאשר ישראל הייתה עדיין תחת כיבוש, נאמר כי "המדינה היא אחראית על כלל תושביה".

MOS

67

NUMBER OF RESPONDENTS

DATA OBTAINED FROM

TRAINING SPECIALIST

| TASK NUMBER | AIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | UNIT | CRITICALITY | METHODS OF TEACHING | METHODS OF TESTING | RATING OF ELS | MOS | | NUMBER OF RESPONDENTS | | DATA OBTAINED FROM | | TRAINING SPECIALIST | |
|--------------|-----|-------------|--|--------------------------------|---|-----------------------|-------------|---------------------|--------------------|---------------|-------------------------------|------------|-----------------------|---------|-------------------------------|------------|---------------------|---------|
| | | | | | | | | | | | danger to person or equipment | importance | difficult? | tested? | danger to person or equipment | importance | difficult? | tested? |
| 531-674-2395 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | |
| 531-674-2392 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 531-674-2395 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 531-674-2414 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 531-674-2428 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 531-674-2452 | | | self-paced hands-on demonstration lecture | written oral performance | writing reading speaking listening | difficult? tested? | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
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General Aircraft Maintenance

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APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

TR = total number of responses to variables in the cluster
 T = number of tasks in the cluster
 V = variables
 R = maximum number of respondents in any task in that cluster

PERCENTAGE LANGUAGE SKILLS MOS 37 Y

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|---|---|---|--|--|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| 100% Avg 551-674-0122 THW 551-674-0130 | $9 \times 5 \times 8 = 360$ 45 40 32 37 <u>54</u> 208 $360 \overline{) 208.000}$.578 | $9 \times 2 \times 8 = 144$ 37 45 <u>82</u> $144 \overline{) 82.000}$.569 | $9 \times 2 \times 8 = 216$ 2 21 41 <u>64</u> $216 \overline{) 64.000}$.296 | $7 \times 4 \times 8 = 288$ 40 2 21 27 <u>90</u> $288 \overline{) 90.000}$.313 |
| | 58% | 57% | 30% | 31% |
| NBC 551-674-0001 THW 551-674-0011 | $11 \times 5 \times 8 = 440$ 64 55 52 62 <u>90</u> 303 $440 \overline{) 303.000}$.689 | $11 \times 2 \times 8 = 176$ 39 61 <u>100</u> $176 \overline{) 100.000}$.568 | $11 \times 3 \times 8 = 264$ 6 17 45 <u>68</u> $264 \overline{) 68.000}$.258 | $11 \times 4 \times 8 = 352$ 55 6 17 22 <u>111</u> $352 \overline{) 111.000}$.315 |
| | 69% | 57% | 26% | 32% |
| INDIVIDUAL FITNESS 551-674-0031 551-674-0032 | $2 \times 5 \times 8 = 80$ 11 7 11 15 <u>11</u> 55 $80 \overline{) 55.000}$.688 | $2 \times 2 \times 8 = 32$ 3 8 <u>11</u> $32 \overline{) 11.000}$.344 | $2 \times 3 \times 8 = 48$ 0 2 7 <u>9</u> $48 \overline{) 9.000}$.188 | $2 \times 4 \times 8 = 64$ 7 0 2 5 <u>14</u> $64 \overline{) 14.000}$.219 |
| | 69% | 34% | 17% | 22% |

PERCENTAGE LANGUAGE SKILLS
NOS 674

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|---|--|--|---|---|
| $\frac{TR + (T)(V)(R)}{TR} = \%$ | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| Basic Interview Techniques SS1-674-0150 | $1 \times 5 \times 7 = 35$ 4 5 5 3 7 <hr/> 24 $35 \overline{) 24.000}$.686 | $1 \times 2 \times 7 = 14$ 4 7 <hr/> 11 $14 \overline{) 11.000}$.786 | $1 \times 3 \times 7 = 21$ 2 2 6 <hr/> 10 $21 \overline{) 10.000}$.476 | $1 \times 4 \times 7 = 28$ 5 2 2 6 <hr/> 15 $28 \overline{) 15.000}$.536 |
| | 69% | 79% | 48% | 54% |
| Camouflage SS1-674-0022 | $1 \times 5 \times 6 = 30$ 5 4 4 5 6 <hr/> 24 $30 \overline{) 24.000}$.800 | $1 \times 2 \times 6 = 12$ 1 4 <hr/> 5 $12 \overline{) 5.000}$.417 | $1 \times 3 \times 6 = 18$ 0 0 3 <hr/> 3 $18 \overline{) 3.000}$.167 | $1 \times 4 \times 6 = 24$ 4 0 0 1 <hr/> 5 $24 \overline{) 5.000}$.208 |
| | 80% | 42% | 17% | 21% |
| Land Navigation SS1-674-0092 SS1-674-0102 | $10 \times 5 \times 5 = 250$ 40 28 21 30 41 <hr/> 160 $250 \overline{) 160.000}$.640 | $10 \times 2 \times 5 = 100$ 11 39 <hr/> 50 $100 \overline{) 50.000}$.500 | $10 \times 3 \times 5 = 150$ 0 33 41 <hr/> 74 $150 \overline{) 74.000}$.493 | $10 \times 4 \times 5 = 200$ 28 0 33 30 <hr/> 91 $200 \overline{) 91.000}$.455 |
| | 64% | 50% | 49% | 46% |

PERCENTAGE LANGUAGE SKILLS
NOS 674

TR = total number of responses to variables in the cluster
T = number of tasks in + cluster
V = variables
R = maximum number of respondents in any task in that cluster

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|---|--|--|---|---|
| $TR \div (T)(V)(R) = \%$ | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| M1641 R111 551-674-0071 THAW 551-674-0073 | $3 \times 5 \times 7 = 105$ 19 11 20 20 21 <u>91</u> $105 \overline{) 91.000} \quad .867$ | $3 \times 2 \times 7 = 42$ 6 17 <u>23</u> $42 \overline{) 23.000} \quad .548$ | $3 \times 3 \times 7 = 63$ 2 0 9 <u>11</u> $63 \overline{) 11.000} \quad .175$ | $3 \times 4 \times 7 = 84$ 11 2 0 4 <u>17</u> $84 \overline{) 17.000} \quad .202$ |
| | 87% | 55% | 18% | 20% |
| DA FORMS 551-674-1028 551-674-1029 551-674-174 THAW 551-674-1726 | $18 \times 5 \times 8 = 720$ 96 92 83 75 107 <u>453</u> $720 \overline{) 453.000} \quad .629$ | $18 \times 2 \times 8 = 288$ 41 106 <u>147</u> $288 \overline{) 147.000} \quad .510$ | $18 \times 3 \times 8 = 432$ 3 78 109 <u>190</u> $432 \overline{) 190.000} \quad .440$ | $18 \times 4 \times 8 = 576$ 92 3 75 107 <u>250</u> $576 \overline{) 250.000} \quad .434$ |
| | 63% | 51% | 44% | 44% |
| FLIGHT LINE MAINTENANCE AND DUTIES | $9 \times 5 \times 8 = 360$ 49 41 57 53 61 <u>261</u> $360 \overline{) 261.000} \quad .725$ | $9 \times 2 \times 8 = 144$ 29 54 <u>83</u> $144 \overline{) 83.000} \quad .576$ | $9 \times 3 \times 8 = 216$ 1 18 64 <u>83</u> $216 \overline{) 83.000} \quad .384$ | $9 \times 4 \times 8 = 288$ 41 1 18 55 <u>115</u> $288 \overline{) 115.000} \quad .399$ |
| | 73% | 58% | 38% | 40% |

PERCENTAGE LANGUAGE SKILLS
MOS 67Y

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

| FORMULA | LISTENING | SPEAKING | READING | WRITING |
|--|---|--|---|--|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| AIRFRAME AND POWERPLANT MAINTENANCE | $4 \times 5 \times 8 = 160$ 26 20 30 28 32 <hr/> 136 $160 \sqrt{136.000}$ 85% | $4 \times 2 \times 8 = 64$ 11 27 <hr/> 38 $64 \sqrt{38.000}$ 59% | $4 \times 3 \times 8 = 96$ 0 9 30 <hr/> 37 $96 \sqrt{37.000}$ 41% | $4 \times 4 \times 8 = 128$ 20 0 9 26 <hr/> 55 $128 \sqrt{55.000}$ 43% |
| 551-674-1071 551-674-1075 551-674-1076 551-674-2036 | | | | |
| POWERPLANT AND RELATED SYSTEMS MAIN- TEENANCE | $57 \times 5 \times 8 = 2280$ 294 245 312 309 377 <hr/> 1539 $2280 \sqrt{1539.000}$ 68% | $57 \times 2 \times 8 = 912$ 159 341 <hr/> 500 $912 \sqrt{500.000}$ 55% | $57 \times 3 \times 8 = 1368$ 2 3 8 <hr/> 13 $1368 \sqrt{13.000}$ 35% | $57 \times 4 \times 8 = 1824$ 245 2 103 293 <hr/> 643 $1824 \sqrt{643.000}$ 35% |
| 551-674-1071 551-674-1075 551-674-1076 551-674-2036 | | | | |
| ROTOR AND TRANSMISSION MAINTENANCE | $60 \times 5 \times 8 = 2400$ 377 274 385 430 412 <hr/> 1884 $2400 \sqrt{1884.000}$ 79% | $60 \times 2 \times 8 = 960$ 159 405 <hr/> 565 $960 \sqrt{565.000}$ 59% | $60 \times 3 \times 8 = 1440$ 0 112 453 <hr/> 565 $1440 \sqrt{565.000}$ 39% | $60 \times 4 \times 8 = 1920$ 274 0 112 335 <hr/> 721 $1920 \sqrt{721.000}$ 38% |
| 551-674-1071 551-674-1075 551-674-1076 551-674-2036 | | | | |

PERCENTAGE LANGUAGE SKILLS
MOS 674

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

| FOR | LISTENING | SPEAKING | READING | WRITING |
|--|--|--|---|--|
| TR + (T)(V)(R) = % | -demonstration -lecture -hands-on -performance (test) -rating (scale) | -oral (test) -rating (scale) | -self-paced -written (test) -rating (scale) | -lecture -self-paced -written (test) -rating (scale) |
| Cluster | 5 = 100% | 2 = 100% | 3 = 100% | 4 = 100% |
| FLIGHT CONTROL SYSTEM MAINTENANCE | $14 \times 5 \times 8 = 560$ 76 58 75 86 87 <hr/> 382 $560 \overline{) 382.000}$ | $14 \times 2 \times 8 = 224$ 33 87 <hr/> 120 $224 \overline{) 120.000}$ | $14 \times 3 \times 8 = 336$ 0 25 89 <hr/> 114 $336 \overline{) 114.000}$ | $14 \times 4 \times 8 = 448$ 58 0 25 68 <hr/> 147 $448 \overline{) 147.000}$ |
| | 68% | 54% | 34% | 33% |
| UTILITY AND HYDRAULIC SYSTEM MAINTENANCE | $41 \times 5 \times 8 = 1640$ 229 189 213 249 283 <hr/> 1161 $1640 \overline{) 1161.000}$ | $41 \times 2 \times 8 = 656$ 92 281 <hr/> 373 $656 \overline{) 373.000}$ | $41 \times 3 \times 8 = 984$ 1 73 28 <hr/> 357 $984 \overline{) 357.000}$ | $41 \times 4 \times 8 = 1312$ 187 1 73 207 <hr/> 468 $1312 \overline{) 468.000}$ |
| | 71% | 57% | 36% | 35% |
| GENERAL AND CRAFT MAINTENANCE | $37 \times 5 \times 8 = 1480$ 130 116 141 164 173 <hr/> 724 $1480 \overline{) 724.000}$ | $37 \times 2 \times 8 = 592$ 62 177 <hr/> 239 $592 \overline{) 239.000}$ | $37 \times 3 \times 8 = 888$ 0 33 179 <hr/> 212 $888 \overline{) 212.000}$ | $37 \times 4 \times 8 = 1184$ 116 0 33 144 <hr/> 293 $1184 \overline{) 293.000}$ |
| | 49% | 40% | 24% | 22% |

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

DOS

PERSON RECORDING

LOCATION
(UNIT/AIT)

SUBJECT

* TASK NUMBER IF KNOWN

Physical Environment of Instruction.

- A. Classroom
- B. Open Areas (live firefield- mark-up terrain)
- C. Large enclosed area (bleacher sites)
(Warehouse size)
- D. Other
- Comments:

Styles of Communication Instructor, Verbal or

- A. Formal Speech
- B. Informal Speech
- C. Regional/Ethnic
- D. Body Language
- E. Profanity
- F. Shop talk/slang
- G. Non-standard English
- I. Other

Comments:

Media of Instruction

- A. Films
- B. Video cassettes
- C. Graphic Training Aids (diagrams, etc....)
- D. Illustrations (requiring reading/not requiring reading)
- E. Maps
- F. Mock-ups
- G. Models/Animulate
- H. Real equipment
- I. Transparencies
- J. Tape cassettes
- K. Training Publications (required/available)
- L. Signs/Notices
- M. P.A. System
- N. Normal Voice
- O. Soldier's Manual
- P. Chalkboard
- Q. Other

Comments:

Mode of Response

- A. Manipulating a piece of equipment/dev
- B. Answers (spoken - written)
- C. Signals
- D. Performance
- E. Taking Notes
- F. Teamwork
- G. Other

Comments:

Instructional Ratio

- A. Instructor, one-to-one/class
- B. Peer/one-to-one
- C. Group or Committee Group (group of instructors of whom one teaches one portion of the w
- Small (12 or less)
- Large (more than 12)
- D. Other
- E. Comments:

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of
structural and lexical items
for this MOS.
(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

1. Subject and action verb
Firer aims.
2. Subject and action verb and direct/indirect object
Many things cause burns.
3. Subject and linking verb and subjective complement
This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.

--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.

--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.

--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.

--Have someone walk the FDL and determine dead space.

--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected, third
person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize
protect
is facing
remove
explode
sounds
points out
seen

appear
seek
secure
wear
mask
stored
do require
could affect

has
must be
wipe
rinse
put brush
empty
reassemble
reinstall

GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

ADVERBS +

1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB

(particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between
TRADOC and DLIELC was reached
that DLIELC In-House Vocabulary
would not be produced for this
MOS.

APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

HEADQUARTERS

UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND

FORT MONROE, VIRGINIA 23651

10724

DATA CONTROL NUMBER

Job No / Proj No

18 JUN

WCA-INT

DLI



67Y SK142

Incl 72

0117
142

| SEQUENTIAL | MANAGER | PAGE NO | 2 TYPE | RECORD BYTES |
|------------|-------------------|---------|--------|--------------|
| 4 | ABBREVIATE | | TRN | 20 |
| 5 | ABRADE | | TRN | 20 |
| 7 | ADHERE | | TRN | 20 |
| 5 | ADMINISTRATION | | TRN | 20 |
| 3 | AFFECT | | TRN | 20 |
| 1 | AM-15 | | TRN | 20 |
| 1 | AM-20 | | TRN | 20 |
| 1 | AM-15 | | TRN | 20 |
| 1 | ATDFOIL | | TRN | 20 |
| 1 | ALIGN | | TRN | 20 |
| 1 | ALTERNATOR | | TRN | 20 |
| 1 | AMPULES | | TRN | 20 |
| 1 | ANTI DRIVE LINK | | TRN | 20 |
| 1 | AUTOCORRECTION | | TRN | 20 |
| 1 | WASHEL NUT | | TRN | 20 |
| 1 | MILISTER AGENT | | TRN | 20 |
| 1 | BLOOD AGENT | | TRN | 20 |
| 5 | MAIL | | TRN | 20 |
| 1 | ROAST PUMP | | TRN | 20 |
| 1 | ROXHEAN | | TRN | 20 |
| 2 | REWORK BAR | | TRN | 20 |
| 1 | ROX WAR | | TRN | 20 |
| 4 | RECALCULATE | | TRN | 20 |
| 1 | COMPFLAGE | | TRN | 20 |
| 1 | CARBON-MONOXIDE | | TRN | 20 |
| 1 | CASSELLATED NUT | | TRN | 20 |
| 4 | CHARGED | | TRN | 20 |
| 1 | CHECK-VALVE | | TRN | 20 |
| 4 | CHEST-VACUUM | | TRN | 20 |
| 2 | CIRCUIT BREAKER | | TRN | 20 |
| 2 | COSTING | | TRN | 20 |
| 2 | CONDEN | | TRN | 20 |
| 1 | CONDENSATION | | TRN | 20 |
| 1 | CONDUCTS | | TRN | 20 |
| 1 | CONFIGURATION | | TRN | 20 |
| 1 | CC JAROL-TUNE | | TRN | 20 |
| 1 | CONVERTED | | TRN | 20 |
| 1 | COTTER PIN | | TRN | 20 |
| 1 | CRESER-SPENCH | | TRN | 20 |
| 1 | CROGUS-CLOTH | | TRN | 20 |
| 2 | DA FORM | | TRN | 20 |
| 2 | DA FORM | | TRN | 20 |
| 1 | DECREASE | | TRN | 20 |
| 2 | DEFORM | | TRN | 20 |
| 3 | DIAL-INDICATOR | | TRN | 20 |
| 1 | DRAG BRACE | | TRN | 20 |
| 1 | DRIVE LINK | | TRN | 20 |
| 1 | DRIVE COMPENSATOR | | TRN | 20 |
| 1 | DUST ACCT | | TRN | 20 |
| 1 | FILINGS | | TRN | 20 |
| 1 | FLIPPER VALVE | | TRN | 20 |

| | | | |
|---|--------------------|------|----|
| 2 | FLASSED | TRAN | 80 |
| 2 | SLATS | TRAN | 80 |
| 1 | CRAYING | TRAN | 80 |
| 1 | GO/NO-GO | TRAN | 80 |
| 2 | GRIPS | TRAN | 80 |
| 1 | GROUND-HANDLING | TRAN | 80 |
| 3 | HAWVER | TRAN | 80 |
| 1 | HATERAILS | TRAN | 80 |
| 1 | HANGER-BEARING | TRAN | 80 |
| 2 | HEATSTROKE | TRAN | 80 |
| 1 | HISTORICAL RECORDS | TRAN | 80 |
| 1 | HIT-CHECK | TRAN | 80 |
| 2 | ICLER-FAN | TRAN | 80 |
| 3 | JAWMED | TRAN | 80 |
| 1 | JETS | TRAN | 80 |
| 4 | JOINTS | TRAN | 80 |
| 1 | JULIAN DATE | TRAN | 80 |
| 4 | LABEL-MATERIAL | TRAN | 80 |
| 1 | LANDING GEAR | TRAN | 80 |
| 1 | LATERAL VIBRATIONS | TRAN | 80 |
| 2 | LEFT-PECH | TRAN | 80 |
| 1 | LIFT-LINK | TRAN | 80 |
| 2 | MAGNETIC BRAKE | TRAN | 80 |
| 1 | MAIN DRIVESHAFT | TRAN | 80 |
| 1 | MAIN PITCH | TRAN | 80 |
| 1 | METER SPLINE | TRAN | 80 |
| 2 | METAL TO METAL | TRAN | 80 |
| 3 | MIKE CORD | TRAN | 80 |
| 2 | MOSING | TRAN | 80 |
| 1 | MOUTH PIECE | TRAN | 80 |
| 1 | MOUTH TO MOUTH | TRAN | 80 |
| 1 | NI | TRAN | 80 |
| 1 | NCRS | TRAN | 80 |
| 3 | NUMERICAL | TRAN | 80 |
| 1 | OIL COOLER | TRAN | 80 |
| 1 | ON THE JOB | TRAN | 80 |
| 2 | OPERATIONAL READY | TRAN | 80 |
| 1 | OFFSHORE | TRAN | 80 |
| 2 | ORIGINATED | TRAN | 80 |
| 1 | OUT OF TRACK | TRAN | 80 |
| 1 | OVERDUE | TRAN | 80 |
| 3 | P SERIES | TRAN | 80 |
| 1 | PANS | TRAN | 80 |
| 1 | PARTIAL SEPARATOR | TRAN | 80 |
| 2 | PARTIALS | TRAN | 80 |
| 1 | PH-SED | TRAN | 80 |
| 2 | PILLOW BLOCKS | TRAN | 80 |
| 1 | PLAIN CHAIR | TRAN | 80 |
| 1 | PLUM-RCB | TRAN | 80 |
| 1 | PLUS OR MINUS | TRAN | 80 |

SEQUENTIAL MANAGER

PAGE NO 4 TYPE RECORD BYTES

| | | |
|-------------------------|-----|----|
| 1 PMT | TRN | 80 |
| 2 PRECAUTION | TRN | 80 |
| 4 PROTECTION | TRN | 80 |
| 1 PROTECTIVE MASK | TRN | 80 |
| 1 PULL-PULL TUBE | TRN | 80 |
| 3 QUALITY CONTROL | TRN | 80 |
| 3 RECESSED | TRN | 80 |
| 1 RECEIVER | TRN | 80 |
| 1 REFUEL | TRN | 80 |
| 3 REQUIREMENTS | TRN | 80 |
| 2 REPOSTAT | TRN | 80 |
| 1 RIGHT PEDAL | TRN | 80 |
| 1 ROCKET PED | TRN | 80 |
| 5 ROUTINE | TRN | 80 |
| 4 SAFETY GOGGLES | TRN | 80 |
| 1 SAFETY OF FLIGHT | TRN | 80 |
| 1 SCISSORS AND SLEEVE | TRN | 80 |
| 1 SEED | TRN | 80 |
| 1 SELF-SEALING | TRN | 80 |
| 2 SEPARATOR | TRN | 80 |
| 2 SERIAL NUMBER | TRN | 80 |
| 3 SHUTOFF VALVE | TRN | 80 |
| 2 SIGHTGLASS | TRN | 80 |
| 2 SILENT CHAIN | TRN | 80 |
| 1 SKETCHURE | TRN | 80 |
| 2 SLIPPAGE MARKS | TRN | 80 |
| 1 SNIP CODE | TRN | 80 |
| 1 SPANNER WRENCH | TRN | 80 |
| 1 SPLIT CONES | TRN | 80 |
| 1 SUBASSEMBLY | TRN | 80 |
| 1 SUEWY MARCH | TRN | 80 |
| 1 SYNCHRONIZED ELEVATOR | TRN | 80 |
| 2 TABLE OF CONTENTS | TRN | 80 |
| 5 TAG-MATERIAL | TRN | 80 |
| 1 TAIL-ROTOR | TRN | 80 |
| 1 TAIL-PRIO | TRN | 80 |
| 3 TAILRAY | TRN | 80 |
| 4 TEMPORARY | TRN | 80 |
| 3 THEROPLASTIC | TRN | 80 |
| 1 TOCF | TRN | 80 |
| 1 TOUWMIQET | TRN | 80 |
| 1 TCM | TRN | 80 |
| 1 TRAILING EDGE | TRN | 80 |
| 1 TOLH-TADR | TRN | 80 |
| 1 TL | TRN | 80 |
| 1 URGENT | TRN | 80 |
| 1 VERTICAL FIN | TRN | 80 |
| 1 VERTICAL VIBRATION | TRN | 80 |
| 2 WEARNING | TRN | 80 |
| 1 ZINC-CHROME | TRN | 80 |

SEQUENTIAL DATA MANAGER

PAGE NO. 5 TYPE RECORD BYTES

MASTER READ 17299
 RECL 32
 BLKSIZE 3136

TRANS READ
 RECL
 BLKSIZE

1226
 80
 8000

UPDATED RECCROS 5097
 RECL 32
 BLKSIZE 3136

SYNCSORT 111-410-2-HALF COPYRIGHT WHITLCH COMPUTER SYSTEMS, INC, 1974 REL 1.0 DATE=80/164 TIME=21.53.51
COPY FIELDS=1.25.CH.A1
W00451 END SORT PH
W01131 DATA N1AS = 03
W01141 T-RK OVER-ALLCC FACTOR= PRIM/USED=2.7
W01141 ACC IN 5097, OUT 5097
W01141 TRF=3 APPLIED 1234
W01521 END SYNCSORT OPT= 4. TIME0207,STEP5

000050 0020 0015 0020 0025 0030 0035 0040 0045 0050 0055 0060 0065 0070 0075 0080 0085 0090 950010000050001000

J00N1J00=TYPE0207 STFP=ERD01 STEP=PRINT

00N1J00=SYS001 INT UNIT=643
 00N1J00=SYS001 UNIT=644
 00N1J00=SYS001 UNIT=645
 00N1J00=SYS001 UNIT=646
 00N1J00=SYS001 UNIT=647
 00N1J00=SYS001 UNIT=648
 00N1J00=SYS001 UNIT=649
 00N1J00=SYS001 UNIT=650

DSN=THE.READY.40567Y SER=001034
 DSN=SYS80164.7073116.RV0000: THER0207.R0000703 SER=

| SYSUT1 INPUT | 5057 | SYSUT2 OUTPUT | 1226 | SYSUT3 OUTPUT | 0 | SYSUT4 OUTPUT | 0 |
|--------------|------|---------------|------|---------------|---|---------------|---|
| LRCL | 32 | LRCL | 133 | LRCL | 0 | LRCL | 0 |
| BLKSIZE | 336 | BLKSIZE | 133 | BLKSIZE | 0 | BLKSIZE | 0 |

01Y Skill Level

| | | | | | | | | | |
|--------------|-------|--------|--------|-------|-------|-------|--------|--------|--------|
| ACCESS | 150.3 | 100.2 | 38.1 | 20.1 | 7.20 | 2.1 | | | |
| ACCESSORIES | 71.1 | 10.1 | 424.1 | 118.1 | | | | | |
| ACCUMULATOR | 236.1 | 232.1 | 7.5 | | | | | | |
| ACID | 7.7 | | | | | | | | |
| ACTUATOR | 282.1 | 289.1 | 288.2 | 278.2 | 232.1 | 196.1 | 150.6 | 106.3 | 25.2 |
| ADAPTER | 137.1 | 7.12 | 150.5 | | | | | | 7.16 |
| ADJUST | 1.6 | 24.2 | 228.1 | 228.1 | 218.4 | 217.9 | 178.1 | 175.2 | 167.1 |
| | 42.1 | 9.2 | 7.8 | 2.7 | | | | | 166.2 |
| AFT | 102.3 | 38.3 | 8.1 | 7.10 | 2.4 | 1.2 | 500.1 | 300.1 | 284.1 |
| | 196.3 | 175.4 | 150.10 | 137.1 | 103.3 | | | | 282.1 |
| AGENT | 9.1 | 8.4 | 6.1 | 5.2 | 4.1 | | | | 281.1 |
| AIR-1 | 50.1 | 25.2 | 9.1 | 7.4 | 232.1 | 118.1 | 105.1 | | |
| AIR-DRY | 0.1 | 7.2 | | | | | | | |
| AIRCRAFT | 1.2 | 253.1 | 238.1 | 217.2 | 196.1 | 175.1 | 150.1 | 105.18 | 100.2 |
| | 600.1 | 260.1 | 359.2 | 356.1 | 355.2 | 352.3 | 333.3 | 320.2 | 312.3 |
| | 306.1 | 305.2 | 300.7 | 299.1 | 298.2 | 297.1 | | | 309.1 |
| AIRFRAME | 353.3 | 34.1 | 20.1 | 18.1 | 7.1 | 4.1 | 2.1 | | 7.66 |
| AIRWAY | 12.1 | 41.1 | 40.3 | | | | | | 2.1 |
| AMMUNITION | 25.2 | | | | | | | | |
| ANTIFRICTION | 7.3 | | | | | | | | |
| ANTISEIZE | 7.2 | | | | | | | | |
| APPLICABLE | 105.1 | 51.1 | 7.4 | 365.1 | 364.1 | 362.2 | | | |
| | 1.1 | 25.1 | 8.1 | 7.226 | 2.1 | 250.1 | 243.10 | 234.1 | 228.2 |
| | 100.1 | 88.1 | 71.2 | 50.1 | 49.1 | 48.1 | 47.1 | 41.1 | 217.1 |
| | 244.1 | 232.1 | 250.1 | 105.2 | 100.3 | 20.1 | 9.1 | 8.3 | 152.1 |
| ARMAMENT | | | | | | | | | 156.24 |
| ARTERY | 43.1 | | | | | | | | 105.1 |
| ATROPHINE | 9.1 | | | | | | | | |
| AVM | 105.2 | | | | | | | | |
| AXIAL | 150.2 | | | | | | | | |
| AXIAL | 27.3 | 26.2 | 26.7 | 35.6 | 29.10 | 28.5 | | | |
| AXIAL | 150.1 | 47.3 | 46.1 | 45.3 | 44.3 | 7.6 | | | |
| AXIAL | 345.2 | 300.1 | 139.1 | 7.5 | | | | | |
| AXIAL | 278.1 | 150.14 | 141.1 | 100.1 | 79.3 | 78.3 | 77.1 | 76.3 | 74.3 |
| AXIAL | 70.3 | 32.2 | 7.20 | 2.1 | | | | | 72.1 |
| AXIAL | 7.12 | 2.1 | 278.1 | 178.1 | 150.3 | | | | |
| AXIAL | 1.3 | 20.2 | 215.3 | 150.3 | 87.3 | 50.1 | 8.2 | 7.1 | 2.4 |
| AXIAL | 251.2 | 150.1 | 125.2 | 118.2 | 117.1 | 7.15 | 3.1 | 2.1 | 600.4 |
| AXIAL | 177.1 | 176.3 | 175.1 | 174.1 | 171.1 | 155.1 | 154.2 | 152.1 | 195.3 |
| AXIAL | 7.6 | 232.1 | 150.2 | 106.3 | 38.1 | | | | 194.3 |
| AXIAL | 46.1 | 44.1 | 43.4 | 42.2 | 5.2 | | | | |
| AXIAL | 49.1 | | | | | | | | |
| AXIAL | 7.1 | | | | | | | | |
| AXIAL | 150.1 | 100.1 | 87.1 | 7.2 | | | | | |
| AXIAL | 87.1 | | | | | | | | |
| AXIAL | 244.1 | 150.2 | 7.1 | | | | | | |
| AXIAL | 243.1 | | | | | | | | |
| AXIAL | 357.1 | 31.1 | 2.1 | | | | | | |
| AXIAL | 8.1 | 6.1 | 5.1 | 45.2 | | | | | |
| AXIAL | 7.6 | 244.1 | 232.1 | 150.3 | 10.1 | | | | |

S WORD LIST BY PAGE

| | | | | | | | | | | | | | |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1 EXHAUST | 108.3 | 107.3 | 105.4 | 90.2 | 85.2 | 88.1 | 87.1 | 86.2 | 83.1 | 71.7 | 57.1 | 39.1 | 38.12 |
| 1 EXPLOSIVE | 150.1 | 71.2 | 38.5 | 7.3 | | | | | | | | | |
| 1 EXPRAL | 257.1 | 31.1 | | | | | | | | | | | |
| 1 EXTINGUISHER | 239.2 | 150.3 | 134.3 | 133.3 | 132.2 | 131.3 | 130.3 | 7.19 | 3.2 | 2.2 | | | |
| 1 EXTREMITIES | 7.2 | | | | | | | | | | | | |
| 1 FAIRING | 44.1 | | 7.1 | 2.3 | | | | | | | | | |
| 1 FAIRLEADS | 150.2 | 38.4 | | | | | | | | | | | |
| 1 FALLOUT | 7.2 | 13.1 | 1.2 | | | | | | | | | | |
| 1 FASTENERS | 15.1 | | | | | | | | | | | | |
| 1 FATALITIES | 7.5 | | | | | | | | | | | | |
| 1 FIFTH-MOUNT | 355.1 | | | | | | | | | | | | |
| 1 FIGURE | 7.4 | | | | | | | | | | | | |
| 1 FILE | 2.1 | 1.1 | 7.4 | 5.1 | 50.2 | | | | | | | | |
| 1 FILTER | 59.3 | 58.3 | 38.1 | 37.1 | 10.3 | 7.55 | 60.3 | 302.3 | 290.2 | 257.1 | 252.2 | 251.2 | 244.1 |
| 1 FLYABLE | 150.19 | 134.3 | 123.3 | 132.1 | 131.3 | 130.3 | 129.3 | 128.3 | 127.1 | 126.3 | 125.3 | 85.3 | 84.2 |
| 1 FLY | 83.3 | 82.1 | 81.3 | 80.3 | 69.3 | 67.3 | 66.3 | | | | | | |
| 1 FIRST-AID | 53.3 | 150.1 | 127.1 | | | | | | | | | | |
| 1 FITTING | 7.1 | | | | | | | | | | | | |
| 1 FIXTURE | 137.1 | 100.1 | 7.16 | 250.1 | 150.4 | 141.1 | | | | | | | |
| 1 FLY | 352.2 | 351.3 | 300.1 | 1.1 | | | | | | | | | |
| 1 FLY | 38.4 | 35.2 | 40.3 | 41.2 | 42.3 | 43.3 | 44.4 | 45.2 | 46.3 | 47.2 | 48.3 | 49.3 | 50.2 |
| 1 FLY | 51.2 | 52.2 | 53.1 | 54.1 | 55.2 | 56.1 | 57.1 | 58.1 | 59.2 | 60.1 | 61.1 | 62.1 | 63.1 |
| 1 FLY | 64.1 | 65.1 | 66.1 | 67.2 | 68.1 | 69.1 | 70.1 | 71.1 | 72.1 | 73.1 | 74.1 | 75.1 | 76.1 |
| 1 FLY | 78.1 | 79.1 | 80.1 | 81.1 | 82.1 | 83.1 | 84.1 | 85.1 | 86.1 | 87.1 | 88.1 | 89.1 | 90.1 |
| 1 FLY | 91.1 | 92.1 | 93.1 | 94.1 | 95.1 | 96.1 | 97.1 | 98.1 | 99.1 | 100.1 | 101.1 | 102.1 | 103.1 |
| 1 FLY | 104.1 | 105.1 | 106.1 | 107.1 | 108.1 | 109.1 | 110.1 | 111.1 | 112.1 | 113.1 | 114.1 | 115.1 | 116.1 |
| 1 FLY | 124.1 | 125.1 | 126.1 | 127.1 | 128.1 | 129.1 | 130.1 | 131.1 | 132.1 | 133.1 | 134.1 | 135.1 | 136.1 |
| 1 FLY | 138.1 | 139.1 | 140.1 | 141.1 | 142.1 | 143.1 | 144.1 | 145.1 | 146.1 | 147.1 | 148.1 | 149.1 | 150.1 |
| 1 FLY | 151.1 | 152.1 | 153.1 | 154.1 | 155.1 | 156.1 | 157.1 | 158.1 | 159.1 | 160.1 | 161.1 | 162.1 | 163.1 |
| 1 FLY | 164.1 | 165.1 | 166.1 | 167.1 | 168.1 | 169.1 | 170.1 | 171.1 | 172.1 | 173.1 | 174.1 | 175.1 | 176.1 |
| 1 FLY | 177.1 | 178.1 | 179.1 | 180.1 | 181.1 | 182.1 | 183.1 | 184.1 | 185.1 | 186.1 | 187.1 | 188.1 | 189.1 |
| 1 FLY | 191.1 | 192.1 | 193.1 | 194.1 | 195.1 | 196.1 | 197.1 | 198.1 | 199.1 | 200.1 | 201.1 | 202.1 | 203.1 |
| 1 FLY | 208.1 | 209.1 | 210.1 | 211.1 | 212.1 | 213.1 | 214.1 | 215.1 | 216.1 | 217.1 | 218.1 | 219.1 | 220.1 |
| 1 FLY | 221.1 | 222.1 | 223.1 | 224.1 | 225.1 | 226.1 | 227.1 | 228.1 | 229.1 | 230.1 | 231.1 | 232.1 | 233.1 |
| 1 FLY | 234.1 | 235.1 | 236.1 | 237.1 | 238.1 | 239.1 | 240.1 | 241.1 | 242.1 | 243.1 | 244.1 | 245.1 | 246.1 |
| 1 FLY | 248.1 | 249.1 | 250.1 | 251.1 | 252.1 | 253.1 | 254.1 | 255.1 | 256.1 | 257.1 | 258.1 | 259.1 | 260.1 |
| 1 FLY | 261.1 | 262.1 | 263.1 | 264.1 | 265.1 | 266.1 | 267.1 | 268.1 | 269.1 | 270.1 | 271.1 | 272.1 | 273.1 |
| 1 FLY | 276.1 | 277.1 | 278.1 | 279.1 | 280.1 | 281.1 | 282.1 | 283.1 | 284.1 | 285.1 | 286.1 | 287.1 | 288.1 |
| 1 FLY | 289.1 | 290.1 | 291.1 | 292.1 | 293.1 | 294.1 | 295.1 | 296.1 | 297.1 | 298.1 | 299.1 | 300.1 | 301.1 |
| 1 FLY | 304.1 | 305.1 | 306.1 | 307.1 | 308.1 | 309.1 | 310.1 | 311.1 | 312.1 | 313.1 | 314.1 | 315.1 | 316.1 |
| 1 FLY | 319.1 | 320.1 | 321.1 | 322.1 | 323.1 | 324.1 | 325.1 | 326.1 | 327.1 | 328.1 | 329.1 | 330.1 | 331.1 |
| 1 FLY | 334.1 | 335.1 | 336.1 | 337.1 | 338.1 | 339.1 | 340.1 | 341.1 | 342.1 | 343.1 | 344.1 | 345.1 | 346.1 |
| 1 FLY | 349.1 | 350.1 | 351.1 | 352.1 | 353.1 | 354.1 | 355.1 | 356.1 | 357.1 | 358.1 | 359.1 | 360.1 | 361.1 |
| 1 FLY | 364.1 | 365.1 | 366.1 | 367.1 | 368.1 | 369.1 | 370.1 | 371.1 | 372.1 | 373.1 | 374.1 | 375.1 | 376.1 |
| 1 FLY | 379.1 | 380.1 | 381.1 | 382.1 | 383.1 | 384.1 | 385.1 | 386.1 | 387.1 | 388.1 | 389.1 | 390.1 | 391.1 |
| 1 FLY | 394.1 | 395.1 | 396.1 | 397.1 | 398.1 | 399.1 | 400.1 | 401.1 | 402.1 | 403.1 | 404.1 | 405.1 | 406.1 |
| 1 FLY | 409.1 | 410.1 | 411.1 | 412.1 | 413.1 | 414.1 | 415.1 | 416.1 | 417.1 | 418.1 | 419.1 | 420.1 | 421.1 |
| 1 FLY | 424.1 | 425.1 | 426.1 | 427.1 | 428.1 | 429.1 | 430.1 | 431.1 | 432.1 | 433.1 | 434.1 | 435.1 | 436.1 |
| 1 FLY | 439.1 | 440.1 | 441.1 | 442.1 | 443.1 | 444.1 | 445.1 | 446.1 | 447.1 | 448.1 | 449.1 | 450.1 | 451.1 |
| 1 FLY | 454.1 | 455.1 | 456.1 | 457.1 | 458.1 | 459.1 | 460.1 | 461.1 | 462.1 | 463.1 | 464.1 | 465.1 | 466.1 |
| 1 FLY | 469.1 | 470.1 | 471.1 | 472.1 | 473.1 | 474.1 | 475.1 | 476.1 | 477.1 | 478.1 | 479.1 | 480.1 | 481.1 |
| 1 FLY | 484.1 | 485.1 | 486.1 | 487.1 | 488.1 | 489.1 | 490.1 | 491.1 | 492.1 | 493.1 | 494.1 | 495.1 | 496.1 |
| 1 FLY | 499.1 | 500.1 | 501.1 | 502.1 | 503.1 | 504.1 | 505.1 | 506.1 | 507.1 | 508.1 | 509.1 | 510.1 | 511.1 |
| 1 FLY | 514.1 | 515.1 | 516.1 | 517.1 | 518.1 | 519.1 | 520.1 | 521.1 | 522.1 | 523.1 | 524.1 | 525.1 | 526.1 |
| 1 FLY | 529.1 | 530.1 | 531.1 | 532.1 | 533.1 | 534.1 | 535.1 | 536.1 | 537.1 | 538.1 | 539.1 | 540.1 | 541.1 |
| 1 FLY | 544.1 | 545.1 | 546.1 | 547.1 | 548.1 | 549.1 | 550.1 | 551.1 | 552.1 | 553.1 | 554.1 | 555.1 | 556.1 |
| 1 FLY | 559.1 | 560.1 | 561.1 | 562.1 | 563.1 | 564.1 | 565.1 | 566.1 | 567.1 | 568.1 | 569.1 | 570.1 | 571.1 |
| 1 FLY | 574.1 | 575.1 | 576.1 | 577.1 | 578.1 | 579.1 | 580.1 | 581.1 | 582.1 | 583.1 | 584.1 | 585.1 | 586.1 |
| 1 FLY | 589.1 | 590.1 | 591.1 | 592.1 | 593.1 | 594.1 | 595.1 | 596.1 | 597.1 | 598.1 | 599.1 | 600.1 | 601.1 |
| 1 FLY | 604.1 | 605.1 | 606.1 | 607.1 | 608.1 | 609.1 | 610.1 | 611.1 | 612.1 | 613.1 | 614.1 | 615.1 | 616.1 |
| 1 FLY | 619.1 | 620.1 | 621.1 | 622.1 | 623.1 | 624.1 | 625.1 | 626.1 | 627.1 | 628.1 | 629.1 | 630.1 | 631.1 |
| 1 FLY | 634.1 | 635.1 | 636.1 | 637.1 | 638.1 | 639.1 | 640.1 | 641.1 | 642.1 | 643.1 | 644.1 | 645.1 | 646.1 |
| 1 FLY | 649.1 | 650.1 | 651.1 | 652.1 | 653.1 | 654.1 | 655.1 | 656.1 | 657.1 | 658.1 | 659.1 | 660.1 | 661.1 |
| 1 FLY | 664.1 | 665.1 | 666.1 | 667.1 | 668.1 | 669.1 | 670.1 | 671.1 | 672.1 | 673.1 | 674.1 | 675.1 | 676.1 |
| 1 FLY | 679.1 | 680.1 | 681.1 | 682.1 | 683.1 | 684.1 | 685.1 | 686.1 | 687.1 | 688.1 | 689.1 | 690.1 | 691.1 |
| 1 FLY | 694.1 | 695.1 | 696.1 | 697.1 | 698.1 | 699.1 | 700.1 | 701.1 | 702.1 | 703.1 | 704.1 | 705.1 | 706.1 |
| 1 FLY | 709.1 | 710.1 | 711.1 | 712.1 | 713.1 | 714.1 | 715.1 | 716.1 | 717.1 | 718.1 | 719.1 | 720.1 | 721.1 |
| 1 FLY | 724.1 | 725.1 | 726.1 | 727.1 | 728.1 | 729.1 | 730.1 | 731.1 | 732.1 | 733.1 | 734.1 | 735.1 | 736.1 |
| 1 FLY | 739.1 | 740.1 | 741.1 | 742.1 | 743.1 | 744.1 | 745.1 | 746.1 | 747.1 | 748.1 | 749.1 | 750.1 | 751.1 |
| 1 FLY | 754.1 | 755.1 | 756.1 | 757.1 | 758.1 | 759.1 | 760.1 | 761.1 | 762.1 | 763.1 | 764.1 | 765.1 | 766.1 |
| 1 FLY | 769.1 | 770.1 | 771.1 | 772.1 | 773.1 | 774.1 | 775.1 | 776.1 | 777.1 | 778.1 | 779.1 | 780.1 | 781.1 |
| 1 FLY | 784.1 | 785.1 | 786.1 | 787.1 | 788.1 | 789.1 | 790.1 | 791.1 | 792.1 | 793.1 | 794.1 | 795.1 | 796.1 |
| 1 FLY | 799.1 | 800.1 | 801.1 | 802.1 | 803.1 | 804.1 | 805.1 | 806.1 | 807.1 | 808.1 | 809.1 | 810.1 | 811.1 |
| 1 FLY | 814.1 | 815.1 | 816.1 | 817.1 | 818.1 | 819.1 | 820.1 | 821.1 | 822.1 | 823.1 | 824.1 | 825.1 | 826.1 |
| 1 FLY | 829.1 | 830.1 | 831.1 | 832.1 | 833.1 | 834.1 | 835.1 | 836.1 | 837.1 | 838.1 | 839.1 | 840.1 | 841.1 |
| 1 FLY | 844.1 | 845.1 | 846.1 | 847.1 | 848.1 | 849.1 | 850.1 | 851.1 | 852.1 | 853.1 | 854.1 | 855.1 | 856.1 |
| 1 FLY | 859.1 | 860.1 | 861.1 | 862.1 | 863.1 | 864.1 | 865.1 | 866.1 | 867.1 | 868.1 | 869.1 | 870.1 | 871.1 |
| 1 FLY | 874.1 | 875.1 | 876.1 | 877.1 | 878.1 | 879.1 | 880.1 | 881.1 | 882.1 | 883.1 | 884.1 | 885.1 | 886.1 |
| 1 FLY | 889.1 | 890.1 | 891.1 | 892.1 | 893.1 | 894.1 | 895.1 | 896.1 | 897.1 | 898.1 | 899.1 | 900.1 | 901.1 |
| 1 FLY | 904.1 | 905.1 | 906.1 | 907.1 | 908.1 | 909.1 | 910.1 | 911.1 | 912.1 | 913.1 | 914.1 | 915.1 | 916.1 |
| 1 FLY | 919.1 | 920.1 | 921.1 | 922.1 | 923.1 | 924.1 | 925.1 | 926.1 | 927.1 | 928.1 | 929.1 | 930.1 | 931.1 |
| 1 FLY | 934.1 | 935.1 | 936.1 | 937.1 | 938.1 | 939.1 | 940.1 | 941.1 | 942.1 | 943.1 | 944.1 | 945.1 | 946.1 |
| 1 FLY | 949.1 | 950.1 | 951.1 | 952.1 | 953.1 | 954.1 | 955.1 | 956.1 | 957.1 | 958.1 | 959.1 | 960.1 | 961.1 |
| 1 FLY | 964.1 | 965.1 | 966.1 | 967.1 | 968.1 | 969.1 | 970.1 | 971.1 | 972.1 | 973.1 | 974.1 | 975.1 | 976.1 |
| 1 FLY | 979.1 | 980.1 | 981.1 | 982.1 | 983.1 | 984.1 | 985.1 | 986.1 | 987.1 | 988.1 | 989.1 | 990.1 | 991.1 |
| 1 FLY | 994.1 | 995.1 | 996.1 | 997.1 | 998.1 | 999.1 | 1000.1 | 1001.1 | 1002.1 | 1003.1 | 1004.1 | 1005.1 | 1006.1 |
| 1 FLY | 1009.1 | 1010.1 | 1011.1 | 1012.1 | 1013.1 | 1014.1 | 1015.1 | 1016.1 | 1017.1 | 1018.1 | 1019.1 | 1020.1 | 1021.1 |
| 1 FLY | 1024.1 | 1025.1 | 1026.1 | 1027.1 | 1028.1 | 1029.1 | 1030.1 | 1031.1 | 1032.1 | 1033.1 | 1034.1 | 1035.1 | 1036.1 |
| 1 FLY | 1039.1 | 1040.1 | 1041.1 | 1042.1 | 1043.1 | 1044.1 | 1045.1 | 1046.1 | 1047.1 | 1048.1 | 1049.1 | 1050.1 | 1051.1 |
| 1 FLY | 1054.1 | 1055.1 | 1056.1 | 1057.1 | 1058.1 | 1059.1 | 1060.1 | 1061.1 | 1062.1 | 1063.1 | 1064.1 | 1065.1 | 1066.1 |
| 1 FLY | 1069.1 | 1070.1 | 1071.1 | 1072.1 | 1073.1 | 1074.1 | 1075.1 | 1076.1 | 1077.1 | 1078.1 | 1079.1 | 1080.1 | 1081.1 |
| 1 FLY | 1084.1 | 1085.1 | 1086.1 | 1087.1 | 1088.1 | 1089.1 | 1090.1 | 1091.1 | 1092.1 | 1093.1 | 1094.1 | 1095.1 | 1096.1 |
| 1 FLY | 1099.1 | 1100.1 | 1101 | | | | | | | | | | |

| | | | | | | | | | | | | |
|-------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|
| LUBRICATE | 7.1 | 24.1 | 22.4 | 15 | 309.1 | 308.2 | 103.2 | 52.1 | 50.1 | 40.2 | 38.1 | 37.1 |
| MAINTENANCE | 2.1 | 1.2 | 117.1 | 11.1 | 100.1 | 105.25 | 18.1 | 7.40 | 232.1 | 231.2 | 320.3 | 318.3 |
| | 32.1 | 30.1 | 20.1 | 5.3 | 4.1 | 5.1 | 18.1 | 238.1 | 210.1 | 157.1 | 150.1 | |
| MAINTENANCE | 317.3 | 314.3 | 312.3 | 300.2 | 298.2 | 293.1 | 243.1 | 233.1 | 210.1 | 157.1 | 150.1 | |
| MAINTENANCE | 7.21 | | | | | | | | | | | |
| | 4.2 | 3.5 | 2.4 | 1.19 | 250.1 | 243.12 | 228.2 | 217.1 | 196.1 | 150.28 | 100.4 | 89.1 |
| MAINTENANCE | 71.1 | 50.1 | 25.1 | 8.1 | 7.8 | 4.1 | 5.5 | | | | | |
| MAINTENANCE | 118.2 | 7.29 | 2.2 | 152.1 | 150.8 | 147.1 | 127.1 | 202.2 | 189.3 | 188.2 | 166.1 | 165.2 |
| MAINTENANCE | 164.3 | 154.1 | | | | | | | | | | |
| MAINTENANCE | 329.2 | 298.7 | 7.6 | | | | | | | | | |
| MAINTENANCE | 5.3 | 2.2 | 1.2 | 105.1 | | | | | | | | |
| MAINTENANCE | 1.2 | | | | | | | | | | | |
| MAINTENANCE | 243.1 | | | | | | | | | | | |
| MAINTENANCE | 7.4 | | | | | | | | | | | |
| MAINTENANCE | 15.2 | 13.4 | 8.1 | 20.3 | 7.1 | 2.1 | 1.1 | | | | | |
| MAINTENANCE | 7.1 | 71.1 | | | | | | | | | | |
| MAINTENANCE | 5.3 | 424.1 | 105.5 | 100.2 | | | | | | | | |
| MAINTENANCE | 7.2 | 218.1 | 217.1 | 150.2 | 50.1 | | | | | | | |
| MAINTENANCE | 7.6 | 331.1 | 322.1 | | | | | | | | | |
| MAINTENANCE | 100.1 | 7.20 | 244.1 | 232.2 | 150.2 | | | | | | | |
| MAINTENANCE | 7.1 | | | | | | | | | | | |
| MAINTENANCE | 89.1 | 7.18 | 3.1 | 125.1 | 118.2 | 150.2 | 152.2 | 178.1 | 154.1 | 250.2 | 232.1 | 196.3 |
| MAINTENANCE | 7.3 | | | | | | | | | | | |
| MAINTENANCE | 7.2 | | | | | | | | | | | |
| MAINTENANCE | 29.1 | | | | | | | | | | | |
| MAINTENANCE | 7.2 | | | | | | | | | | | |
| MAINTENANCE | 20.1 | 33.1 | 38.1 | 118.1 | 19.1 | | | | | | | |
| MAINTENANCE | 196.1 | 128.3 | 128.3 | 126.3 | 127.1 | 125.3 | 20.1 | 3.3 | 1.3 | 7.1 | | |
| MAINTENANCE | 150.1 | 7.2 | | | | | | | | | | |
| MAINTENANCE | 7.1 | | | | | | | | | | | |
| MAINTENANCE | 36.1 | 28.8 | 7.1 | 50.1 | 125.2 | 2.1 | 5.1 | | | | | |
| MAINTENANCE | 7.5 | 150.5 | | | | | | | | | | |
| MAINTENANCE | 45.1 | | | | | | | | | | | |
| MAINTENANCE | 2.2 | 38.3 | 20.1 | 7.1 | 122.3 | 123.3 | 150.1 | 137.1 | 124.3 | | | |
| MAINTENANCE | 296.3 | 223.2 | 222.1 | 217.1 | 50.1 | 7.10 | | | | | | |
| MAINTENANCE | 7.5 | 137.1 | 118.1 | 225.2 | 224.2 | 196.1 | 150.4 | 226.2 | | | | |
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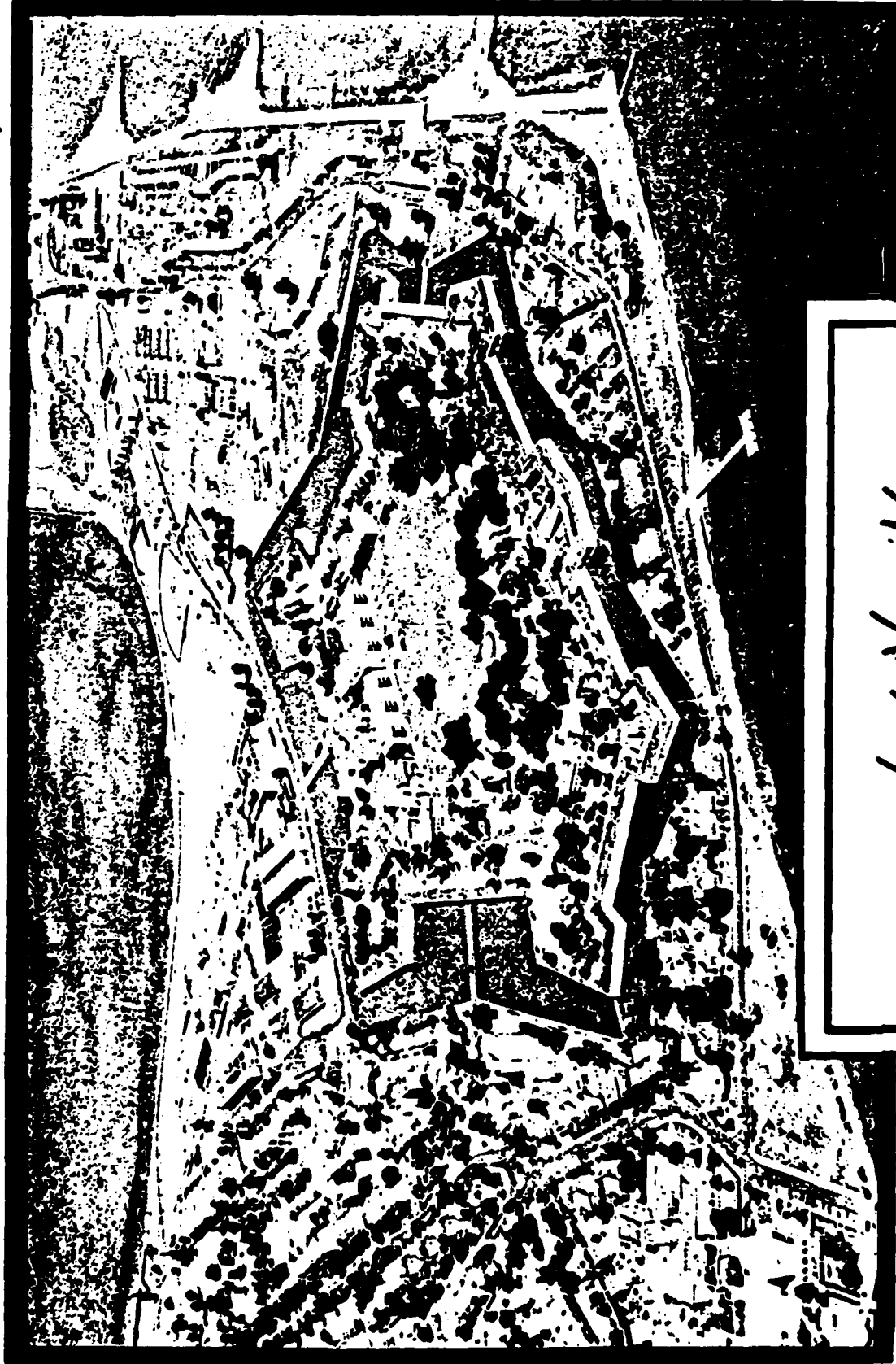
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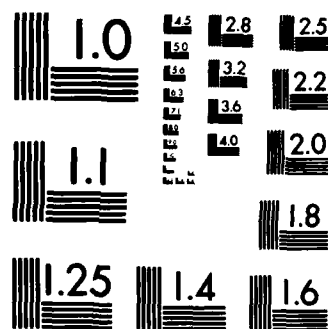
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9 ONE-HALF

2 ONE-MILE

2 ONE-SIXTEENTH

1 ONE-TENTH

2 ONE-THIRD

1 ONE-TIME

2 ONES

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1 OVERFILL
1 OVERFILLING

8 OVERHAUL
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2 OVERHAULS
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1 OVERHEATED

1 OVERAPPOINTED
1 OVERSPILL
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| 5 | RINSE |
| 1 | RINSED |
| 2 | RIOT |
| 1 | RIPS |
| 1 | RISE |
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| 5 | VALVES | |
| 2 | VANE | |
| 1 | VANES | |
| 2 | VARIABLE | |
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| 7 | VARIOUS | |
| 2 | VARY | |
| 1 | VEGETATION | |
| 1 | VEHICLES | |
| 4 | VENT | |
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| 2 | VENTED | |
| 1 | VENTILATE | |
| 1 | VENTILATOR | |
| 4 | VERIFY | |
| 16 | VERTICAL | |
| | | |
| 3 | VERY | |
| 5 | VI | |
| 16 | VIBRATION | |
| 6 | VIBRATIONS | |
| 1 | VICINITY | |
| | | |
| 3 | VIFW | |
| 1 | VIEWED | |
| 6 | VII | |
| 2 | VIII | |
| 1 | VIOLATIONS | |
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| 8 | VISUAL | |
| 2 | VISUALLY | |
| 4 | VOCAL | |
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| 4 | VOLTAGE | |
| 2 | VOLTMETER | |
| 2 | VOLTS | |
| 1 | VOMITING | |
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| 1 | WAIST | |
| 2 | WAIT | |
| 3 | WALK | |
| 4 | WALKING | |
| 1 | HANDS | |

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2 WANTS
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1 WARMER

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12 WASHER

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1 WASHINGTON
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2 ZIP

1 ZIPPERS

WER0451 END SORT PM
WER0551 INSERT 3561. DELEJE 3561
WER1371 DATA RIAS = 10
WER1241 7PK OVER-ALL CC FACTOR= PPIM/USED=019
WER0541 FCD IN 1. OUT
WER1691 TPF'S APPLIED 1234
WER0521 END SYNC SORT OPT= M, THER0207, DUMP

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HEADER3 OUT=1,CON=

MOVE OUT=1,CON=SPACE,LEN=132

MOVE IN=1,OUT=001,LEN=5

MOVE IN=6,OUT=8,LEN=25

READ SYSUT1

MOVE IN=1,OUT=33,LEN=5

MOVE IN=6,OUT=40,LEN=25

READ SYSUT1

MOVE IN=1,OUT=65,LEN=5

MOVE IN=6,OUT=72,LEN=25

READ SYSUT1

MOVE IN=1,OUT=96,LEN=5

MOVE IN=6,OUT=103,LEN=25

WRITE SYSUT2

CWCODE 78 EDCODE 0 CONSTANTS 0 FULLWORDS 0 RETURN 0

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JCHNAME=TMERO2D7 STEP=NEWLIST STEP=

DDNAME=SYSPRINT UNIT=644

DDNAME=SYSUT1 UNIT=241

DDNAME=SYSUT2 UNIT=645

DDNAME=SYSIN UNIT=603

DSN=TIME.WORDS.CNT

DSN=SYS80098.T132432.RV000.TMERO2D7.R0000391

SER=J33308

SER=

| SYSUT1 INPUT | 3561 | SYSUT2 OUTPUT | 890 | SYSUT3 OUTPUT | 0 | SYSUT4 OUTPUT | 0 |
|--------------|------|---------------|-----|---------------|---|---------------|---|
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| BLKSIZE | 6420 | BLKSIZE | 133 | BLKSIZE | 0 | BLKSIZE | 0 |

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| 3.259 THE | 2.043 AND | 1.363 TO | 1.231 TM |
| 950 OF | 950 TASK | 849 A | 754 PM |
| 725 BE | 682 MUST | 659 FOR | 632 CHAPTER |
| 535 CONDITIONS | 483 OR | 460 FM | 419 ON |
| 407 REMOVE | 386 ARE | 347 PERFORM | 332 THIS |
| 330 AS | 327 WITH | 307 INSTALL | 299 STEPS |
| 281 APPLICABLE | 280 IS | 279 STANDARDS | 278 ACCOMPLISHING |
| 265 FROM | 263 ASSEMBLY | 258 YOU | 253 REFER |
| 242 CONTROL | 239 STANDARDIZED | 234 PESA | 231 REFERENCES |
| 230 NECESSARY | 228 OIL | 210 WILL | 210 YOUR |
| 203 ALL | 197 GENERAL | 191 ROTOR | 182 CHECK |
| 182 MANUAL | 182 SYSTEM | 171 EQUIPMENT | 168 MECHANIC'S |
| 166 TOOLBOX | 158 THAT | 155 TAIL | 148 FILTER |
| 139 AIRCRAFT | 128 FUEL | 138 LEVEL | 133 ENGINE |
| 133 FOLLOWING | 132 IF | 130 BY | 130 INSPECT |
| 129 AT | 128 FORM | 126 TOOLS | 120 TORQUE |
| 118 MAINTENANCE | 118 TRANSMISSION | 116 BLOCK | 116 HYDRAULIC |
| 115 NOT | 114 CLEAN | 114 SKILL | 112 REQUIRED |
| 110 DA | 107 COMPONENTS | 106 NUMBER | 106 VALVE |
| 105 ENTER | 104 POSITION | 103 AN | 102 CANACE |
| 101 SUPPORT | 99 IT | 99 MANUALS | 99 PRESSURE |
| 96 TECHNICAL | 94 PROCEDURES | 93 SHAFT | 92 TUBE |
| 91 B | 90 MAIN | 87 STRAINER | 87 WITHOUT |
| 86 INSTALLATION | 85 ANY | 80 DISCONNECT | 80 DRIVE |
| 80 MAP | 80 PLACE | 79 POWER | 78 ITEMS |
| 76 OTHER | 74 BEARING | 73 THROUGH | 72 REMOVED |
| 71 UNIT | 70 C | 70 CYLINDER | 69 AIR |
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| 65 CONDITION | 65 SAFETY | 64 BELOW | 62 UNIT |
| 61 ADJUST | 61 COMPLETE | 61 CONNECT | 61 WAST |
| 61 USING | 60 LOWER | 59 APPROPRIATE | 57 BOLTS |
| 57 INTO | 57 TEST | 56 APPLY | 56 COLLECTIVE |
| 56 NEW | 56 PREPARE | 56 REFERENCE | 55 AFTER |
| 54 INSTALLED | 54 LOCKWIRE | 53 BLADE | 53 CORRECT |
| 53 INCH-POUND | 53 PERFORMED | 53 WHEN | 53 WHICH |
| 52 AFT | 52 HOUSING | 52 WHILE | 51 CASUALTY |
| 51 EACH | 51 NO | 49 SUITABLE | 49 BETWEEN |
| 48 LINE | 48 NORMALLY | 48 ONE | 48 TORQUED |
| 48 TRANSMITTER | 48 TWO | 47 ELECTRICAL | 47 MOUNTING |
| 47 TRAINING | 46 ARMY | 46 PROPER | 46 WITHIN |
| 45 ACCOMPLISHED | 45 DURING | 45 FORWARD | 45 INSPECTION |
| 45 NEED | 45 PARTS | 44 TUBES | 43 D |
| 42 PERFORMING | 43 RECORD | 43 REPLACE | 43 USED |
| 42 ARCA | 42 FIELD | 42 NORMAL | 42 SERVICE |
| 41 AH-LG | 41 ATTACH | 41 BOLT | 41 COVER |
| 41 HAVE | 41 OPEN | 41 PART | 41 PROTECTIVE |
| 41 SWITCH | 41 USE | 40 CELL | 40 END |
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| 15 PORT | 15 PROTRACTOR | 15 PSIG | 15 PURIFICATIONS |
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| 6 SUSPENDED | 6 SWITCHES | 6 TERRAIN | 6 THIRD |
| 6 THOSE | 6 TIMES | 6 TROUBLES | 6 TYPEWRITER |
| 6 VIBRATIONS | 6 VII | 6 WAY | 6 WEAR |
| 6 WHIT | 6 WIRE | 6 WORKING | 6 WOUND |
| 6 WRITTEN | 6 YAN | 6 ADDING | 5 ADDITIONAL |
| 5 ADJUSTING | 5 AHEAD | 5 AIRWAY | 5 ALAPM |
| 5 ALARMS | 5 AMOUNT | 5 ANALYZE | 5 ANALYZED |
| 5 AND/OR | 5 ANOTHER | 5 ARM-LIFT | 5 BAG |
| 5 BASED | 5 BECOME | 5 BLOW | 5 BOX |
| 5 BRACKETS | 5 BREATHE | 5 BREATHING | 5 BULKHEAD |
| 5 CAUTION | 5 CAUTIONS | 5 CHECKS | 5 CHEST-PRESSURE |
| 5 CHIPS | 5 CLOCKWISE | 5 COLLET | 5 COMPLETION |
| 5 COMPLETED | 5 COMPONENT'S | 5 COMPRESSED | 5 COMPRESSOR |
| 5 CONDEMNED | 5 CONNECTIONS | 5 CORNER | 5 COUPSE |
| 5 CREW | 5 CYCLE | 5 DAYS | 5 DECONTAMINATE |
| 5 DEFICIENCIES | 5 DECING | 5 DESIGNATED | 5 DESIGNATION |
| 5 DIAL | 5 DIGITS | 5 DISASSEMBLED | 5 E-7 |
| 5 ELIGIBLE | 5 EMERGENCY | 5 ENCLOSED | 5 ENDS |
| 5 ENGINES | 5 EVIDENCE | 5 EXCEED | 5 EXPOSURE |
| 5 EYE | 5 FACILITY | 5 FASTENERS | 5 FIREWALL |
| 5 FIVE | 5 FLEX | 5 FOLDING | 5 FOLLOWS |
| 5 FRACTURE | 5 FRANGIBLE | 5 GO | 5 GRASP |
| 5 GREEN | 5 HANDLING | 5 HEADING | 5 HERE |
| 5 HIMSELF | 5 HOISTING | 5 HOLE | 5 INITIAL |
| 5 INTERNALLY | 5 INVENTORY | 5 INVERTER | 5 LAY |
| 5 LEADERSHIP | 5 LEAVE | 5 LENSATIC | 5 LOCAL |
| 5 MAJE | 5 MANY | 5 MIL-H-5606 | 5 M's |
| 5 M26A1 | 5 NUMBER/LOT | 5 OBTAINABLE | 5 OFFICER |
| 5 OPENING | 5 OPERATOR'S | 5 OPPOSITE | 5 PIVOT |

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|---|----------------|---|----------------|---|-------------|---|----------------|
| 5 | PLOT | 5 | POST | 5 | POWERPLANT | 5 | PRECISION |
| 5 | PRESERVATION | 5 | PRESS | 5 | PRIORITY | 5 | PROCESS |
| 5 | PROFICIENCY | 5 | PROVIDE | 5 | READING | 5 | RECOMMENDED |
| 5 | REMAIN | 5 | REMEMBER | 5 | RESERVE | 5 | RESPONSIBILITY |
| 5 | RESULT | 5 | RETRACTS | 5 | RETURN | 5 | RINSE |
| 5 | RUST | 5 | SAFETYING | 5 | SCAS | 5 | SCHOOL |
| 5 | SCREW | 5 | SEALING | 5 | SECURING | 5 | SELECT |
| 5 | SECTOR | 5 | SHEET | 5 | SHOCK | 5 | SHORT |
| 5 | SHOWN | 5 | SHOWS | 5 | SHUT | 5 | SIGNALS |
| 5 | SIGNED | 5 | SIGNS | 5 | SKID | 5 | SLICE |
| 5 | SMOOTH | 5 | SPACE | 5 | SPLINT | 5 | STAMPED |
| 5 | STANDARD | 5 | STATUS | 5 | STEADY | 5 | STOPS |
| 5 | STROKE | 5 | SUSPECT | 5 | TAB | 5 | TAG--WATERTEL |
| 5 | TASS | 5 | THREADS | 5 | TOGETHER | 5 | TOTAL |
| 5 | TRANSDUCER | 5 | TRANSPORTATION | 5 | UIK | 5 | UTILITY |
| 5 | VALVES | 5 | VI | 5 | WINDSHIELD | 5 | WIPE |
| 4 | ACCURATE | 4 | ABDOMEN | 4 | ACCESSORIES | 4 | ACCORDING |
| 4 | AM-LU | 4 | ACTIVE | 4 | ADEQUATE | 4 | ADJUSTABLE |
| 4 | ANALYSIS | 4 | AIRFLOW | 4 | ALLOY | 4 | AMBIENT |
| 4 | AVIATOR'S | 4 | ANTIDRIVE | 4 | APPEAR | 4 | AVIATION |
| 4 | BANDAGE | 4 | AVOID | 4 | BAFFLES | 4 | BALANCING |
| 4 | BATTLESIGHT | 4 | BANDAGES | 4 | BARREL | 4 | BARRIER |
| 4 | BREAKAWAY | 4 | BEST | 4 | BOOK | 4 | BPEAK |
| 4 | BUT | 4 | BREATH | 4 | BULLET | 4 | BURNS |
| 4 | CATCH | 4 | BYPASS | 4 | CAREER | 4 | CARFULLY |
| 4 | CLOSED | 4 | CHAINS | 4 | CHIN | 4 | CLEANER |
| 4 | CONTAMINANTS | 4 | COMPLETELY | 4 | CONT | 4 | CONTAIN |
| 4 | CROSSING | 4 | CONTINUOUS | 4 | CONTROLLED | 4 | COOLERS |
| 4 | DEPOSITS | 4 | CUMULATIVE | 4 | DAILY | 4 | DEPEND |
| 4 | DESTROYED | 4 | DEPRESS | 4 | DESCRIBED | 4 | DESIGNED |
| 4 | DON | 4 | DEVELOPER | 4 | DIVISION | 4 | DODGE |
| 4 | DUE | 4 | DOWNWARD | 4 | DSAW | 4 | DRIVES |
| 4 | EXCESS | 4 | ENLISTED | 4 | ESTABLISHED | 4 | EVENTS |
| 4 | EYEBOLT | 4 | EXCHANGE | 4 | EXIST | 4 | EXTEND |
| 4 | FIFTH-MOUNT | 4 | FALLOUT | 4 | FEET | 4 | FEMALE |
| 4 | FRACTURES | 4 | FILTERS | 4 | FLANGES | 4 | FOOT-POUND |
| 4 | HOOD | 4 | FREELY | 4 | GAP | 4 | HINGED |
| 4 | INCLUDING | 4 | HORIZONTALY | 4 | HOWEVER | 4 | INCLUDES |
| 4 | INTAKE | 4 | INDICATE | 4 | INSPECTOR'S | 4 | INST |
| 4 | INVOLVED | 4 | INTERMIXED | 4 | INTERNAL | 4 | INTERSECTION |
| 4 | LDG | 4 | JAW | 4 | JUMP | 4 | KEEPING |
| 4 | LIMIT | 4 | LEGALLY | 4 | LESS | 4 | LIFESAVING |
| 4 | MASK-TO-MOUTH | 4 | LIMITS | 4 | LISTING | 4 | LT |
| 4 | MEASUREMENT | 4 | MASKING | 4 | MATING | 4 | MATTER |
| 4 | MOLDING | 4 | MIDDLE | 4 | MIX | 4 | MODELS |
| 4 | MOUTH-TO-MOUTH | 4 | MONITOR | 4 | MONITORING | 4 | MONTHLY |
| 4 | NONENCLATURE | 4 | MOUTHPIECE | 4 | NEAR | 4 | NITRIC |
| 4 | PERMANENT | 4 | NYLON | 4 | OFFICE | 4 | OPERATING |
| 4 | PORTION | 4 | PIPE | 4 | PLACING | 4 | PLANETARY |
| | | 4 | PREPARATION | 4 | PRESERVE | 4 | PRESSURIZED |

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|---|-------------------|---|-----------------|---|-----------------|---|---------------------------|
| 4 | PROTECT | 4 | QUALIFICATION | 4 | QUALITY | 4 | QUART |
| 4 | QUESTIONS | 4 | RADIOLOGICALLY | 4 | REASSEMBLE | 4 | RECEIVE |
| 4 | RECEPTACLE | 4 | RECOGNIZE | 4 | REGULATE | 4 | RELIEVED |
| 4 | REMOVABLE | 4 | REPAIR/OVERHAUL | 4 | REPEATING | 4 | REQUIPING |
| 4 | RESECTION | 4 | RETAINERS | 4 | REVERSE | 4 | REVIEW |
| 4 | RINGS | 4 | RODS | 4 | SAFE | 4 | SEAPCHLIGHT |
| 4 | SECURELY | 4 | SELECTED | 4 | SENIOR | 4 | SEQUENCED |
| 4 | SHOW | 4 | SHOWER | 4 | SHROUD | 4 | SITUPS |
| 4 | SLIGHTLY | 4 | SMALL | 4 | SMOOTHLY | 4 | SOUND |
| 4 | SPECIALIST | 4 | SSPFT | 4 | STAFF | 4 | STAMP |
| 4 | START | 4 | STOPPED | 4 | STRAIGHT | 4 | SUBMITTED |
| 4 | SYMBOLS | 4 | TACHOMETER | 4 | TEARS | 4 | TEMPERATURES |
| 4 | TEST/MODIFICATION | 4 | THREADED | 4 | THROUGHOUT | 4 | TIN |
| 4 | TITLE | 4 | TOOLKIT | 4 | TOUCH | 4 | TRANSMITTERS |
| 4 | TREAT | 4 | UNDERSTAND | 4 | UNSCREW | 4 | UPWARD |
| 4 | USAGE | 4 | V-UAND | 4 | VENT | 4 | VERIFY |
| 4 | VOCAL | 4 | VOLTAGE | 4 | WALKING | 4 | WET |
| 3 | +0 | 3 | ABSENCE | 3 | ACTUAL | 3 | ACTUATE |
| 3 | ACTUATORS | 3 | ADDED | 3 | ADDITION | 3 | ADHESIVE |
| 3 | ADJACENT | 3 | ADVANTAGE | 3 | ADVERSE | 3 | AERIAL |
| 3 | AFFECTED | 3 | AGAIN | 3 | AIR-DRY | 3 | ALINED |
| 3 | ALLOWED | 3 | ALONG | 3 | AMPULS | 3 | ANTI-FRICTION |
| 3 | AM514-2 | 3 | APART | 3 | APPLYING | 3 | ARROW |
| 3 | ASSIST | 3 | ATTEMPT | 3 | AUXILIARY | 3 | BARE |
| 3 | BEHIND | 3 | REVEL | 3 | BIND | 3 | BLOCK |
| 3 | BEAK | 3 | BREAKS | 3 | CALLED | 3 | CANNOT |
| 3 | CAMPY | 3 | CAPABLE | 3 | CARE | 3 | CENTERLINE |
| 3 | CERTAIN | 3 | CHANGING | 3 | CHARACTERISTICS | 3 | CHECKLIST |
| 3 | CLOGGED | 3 | COCKPIT | 3 | COLLAPSE | 3 | CONING |
| 3 | COMMANDER'S | 3 | COMMENTS | 3 | COMPRESSED-AIR | 3 | CONCEALMENT |
| 3 | CONSCIOUS | 3 | CONSIDERED | 3 | CONSISTING | 3 | CONTACT |
| 3 | CONTAINERS | 3 | CONTENTS | 3 | COORDINATES | 3 | CORC |
| 3 | COUNTERCLOCKWISE | 3 | COUPLINGS | 3 | COURSES | 3 | CROWN'S-FOOT |
| 3 | D-5 | 3 | D-6 | 3 | DAMAGING | 3 | DAYLIGHT |
| 3 | DECREASES | 3 | DEFENSIVE | 3 | DEFLECTION | 3 | DENTS |
| 3 | DEPRECIATE | 3 | DESCRIBE | 3 | DESIGNATOR | 3 | DIMENSION |
| 3 | DIMENSIONS | 3 | DIPPED | 3 | DIRECTIVES | 3 | DISASSEMBLY |
| 3 | DISCONNECTED | 3 | DISPOSITION | 3 | DISTANCES | 3 | DISTINGUISHED |
| 3 | DISTRIBUTION | 3 | DON'T | 3 | DONE | 3 | COUPLED |
| 3 | DYE-PENETRANT | 3 | E-1 | 3 | E-8 | 3 | EFFECTS |
| 3 | ELEVATE | 3 | EMPLOYED | 3 | ENERGIZED | 3 | ENGAGE |
| 3 | ENTIRE | 3 | ENTIRELY | 3 | ENTRY | 3 | EQUIPMENT-IMPROVEMENT-REC |
| 3 | EVACUATION | 3 | EVALUATE | 3 | EXHAUSTION | 3 | EXTENDING |
| 3 | EYEPiece | 3 | FALL | 3 | FEATURES | 3 | FILTERED |
| 3 | FIND | 3 | FLAP | 3 | FLCAT | 3 | FLOOR |
| 3 | FLOWN | 3 | FOOT | 3 | FORMED | 3 | FOXHOLE |
| 3 | GALLONS | 3 | GATE | 3 | GIVES | 3 | GLASS |
| 3 | GRADIENT | 3 | GROOVE | 3 | GROOVES | 3 | GUIDANCE |
| 3 | GUN | 3 | HANDS-ON | 3 | HAZARDS | 3 | HEADGEAR |
| 3 | HORNS | 3 | ILLUMINATE | 3 | ILLUSTRATIONS | 3 | IMMEDIATE |

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| | | | | | | | |
|---|----------------|---|--------------|---|--------------|---|---------------|
| 3 | IMPORTANT | 3 | INCREASES | 3 | INDEXED | 3 | INDICATED |
| 3 | INDICATES | 3 | INJURED | 3 | INPUT | 3 | INSTALLING |
| 3 | INSTRUCTION | 3 | INTERSTAGE | 3 | INTERVALS | 3 | JOBS |
| 3 | JULIAN | 3 | KEY | 3 | LABEL | 3 | LAST |
| 3 | LEADING | 3 | LESSONS | 3 | LETTER | 3 | LIGHTING |
| 3 | LIMIT-FREE | 3 | LIPS | 3 | LOCKING | 3 | LOW-RPM |
| 3 | LUBRICATION | 3 | MAGNESIUM | 3 | MAGNET | 3 | MAKING |
| 3 | MALE | 3 | MANIFOLD | 3 | MASTER | 3 | MECHANISM |
| 3 | MINOR | 3 | MISSING | 3 | MISSION | 3 | MISTAKEN |
| 3 | M17 | 3 | NECK | 3 | NIPPLE | 3 | NOISE |
| 3 | NOMINAL | 3 | NONESSENTIAL | 3 | NOSE | 3 | NOON |
| 3 | OBSERVING | 3 | OBSTRUCTION | 3 | OCCUPATIONAL | 3 | OCCUR |
| 3 | OCCUPS | 3 | OPENINGS | 3 | OPERABLE | 3 | OPERATES |
| 3 | ORDERS | 3 | OWN | 3 | PARALLEL | 3 | PARENTHESIZED |
| 3 | PARTIALLY | 3 | PARTICIPATE | 3 | PASSAGES | 3 | PERCUSSION |
| 3 | PERSON | 3 | PERSONAL | 3 | PASSING | 3 | PERTINENT |
| 3 | PETROLEUM | 3 | PLASTIC | 3 | PLATES | 3 | PLUMBING |
| 3 | PLUMBLINE | 3 | P4D | 3 | PNEUMATIC | 3 | PNEUMOTINE |
| 3 | PRACTICE | 3 | PREPARING | 3 | PRIMER | 3 | PRINTED |
| 3 | PRODUCE | 3 | PRODUCER | 3 | PROMOTED | 3 | PROPERTY |
| 3 | PROTECTED | 3 | PULLEYS | 3 | PURPOSE | 3 | PUSHED |
| 3 | PUSHUPS | 3 | PYLONS | 3 | QUARTS | 3 | RAPIDLY |
| 3 | REDUCE | 3 | REFUELER | 3 | REFUELING | 3 | REGULATED |
| 3 | REINSTALLED | 3 | RELATED | 3 | REPORTABLE | 3 | REPORTED |
| 3 | REQUEST/REPORT | 3 | RETURNED | 3 | RIS | 3 | RIGS |
| 3 | RISE | 3 | RIVET | 3 | ROTATING | 3 | ROUNDS |
| 3 | RUB | 3 | RUBBER | 3 | SEALANT | 3 | SEAT |
| 3 | SECTIONS | 3 | SERGEANT | 3 | SERIOUS | 3 | SEVERE |
| 3 | SHAPE | 3 | SHELL | 3 | SHELTERED | 3 | SHOES |
| 3 | SHOT | 3 | SHOUT | 3 | SIDES | 3 | SIDEWAYS |
| 3 | SIGN | 3 | SILENT | 3 | SITES | 3 | SLING |
| 3 | SLIPPAGE | 3 | SOAPY | 3 | SOCKET | 3 | SOLDER |
| 3 | SOLDERING | 3 | SOLUTION | 3 | SPACED | 3 | SPANNER |
| 3 | SPECIALTY | 3 | SPOTS | 3 | SPROCKETS | 3 | STARTS |
| 3 | STICKS | 3 | STRIKE | 3 | STRIKING | 3 | STUDS |
| 3 | STUDYING | 3 | SUBJECT | 3 | SUMMIT | 3 | SUPTRACT |
| 3 | SUPPLIED | 3 | SUPPORTED | 3 | TAILPIPE | 3 | TARGET |
| 3 | TAXI | 3 | TECHNIQUES | 3 | TEETH | 3 | TESTED |
| 3 | TH-LG | 3 | THICKNESS | 3 | THUMB | 3 | TIGHTENED |
| 3 | TON | 3 | TOURNIQUET | 3 | TRACKING | 3 | TRANSFER |
| 3 | TRIM | 3 | TWO-THIRDS | 3 | T101524 | 3 | T101864 |
| 3 | T59 | 3 | UNCOVER | 3 | UNITS | 3 | UNLESS |
| 3 | VERY | 3 | VIEW | 3 | WALK | 3 | WEAK |
| 3 | WEAPONS | 3 | WINDOW | 3 | WPAP | 3 | YEAR |
| 3 | ZEROING | 3 | +1/20 | 2 | +10 | 2 | +7 |
| 2 | A-1 | 2 | A-3 | 2 | A-6 | 2 | ABBREVIATED |
| 2 | ACCESSIBLE | 2 | ACCOMPANY | 2 | ACCUMULATION | 2 | ACCURATELY |
| 2 | ACT | 2 | ACTIVITIES | 2 | ACTUATION | 2 | ADAPTING |
| 2 | ADVANCEMENT | 2 | AERONAUTICAL | 2 | AIRTIGHT | 2 | ALPHATIC |
| 2 | ALMOST | 2 | AMMUNITION | 2 | ANTENNA | 2 | ANTI |

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| 2 | ANTISEIZE | 2 | AM815-120 | 2 | APFT | 2 | APD |
| 2 | ASSIGNMENT | 2 | ATTENTION | 2 | ATTITUDE | 2 | AUTOMATIC |
| 2 | AVIM | 2 | AVUM | 2 | AWARD | 2 | AXIAL |
| 2 | AZIMUTHS | 2 | B-1 | 2 | BACKWARD | 2 | BALANCE |
| 2 | BASE | 2 | BAT | 2 | BATH | 2 | PATTERED |
| 2 | BECOM'S | 2 | BELLCRANKS | 2 | BENCH | 2 | BENT |
| 2 | BENT-LEG | 2 | BLANKET | 2 | BLAST | 2 | BLEND |
| 2 | BLISTERING | 2 | BOARD | 2 | BONE | 2 | BONE |
| 2 | BOSS | 2 | BOTTOMS | 2 | BREATHS | 2 | BRIGHT |
| 2 | BRIGHTNESS | 2 | BROUZE | 2 | BRUSHES | 2 | BURPLES |
| 2 | BUCKETS | 2 | BUFFER | 2 | BUILDUP | 2 | BULGES |
| 2 | BULLETS | 2 | BUTTONS | 2 | CAGE | 2 | CALCULATED |
| 2 | CANS | 2 | CANTEENS | 2 | CANVAS | 2 | CATEGORIES |
| 2 | CAUSED | 2 | CAUSING | 2 | CBR | 2 | CENTERED |
| 2 | CERTIFICATION | 2 | CHARRING | 2 | CHIN-UP | 2 | CHRYSLER |
| 2 | CLEARED | 2 | CLICKS | 2 | CLIMATIC | 2 | CODES |
| 2 | COL | 2 | COLOR | 2 | COLORS | 2 | COMES |
| 2 | COMMANDANT | 2 | COMMANDERS | 2 | COMPARING | 2 | COMPLETENESS |
| 2 | COMPOSED | 2 | COMPRESS | 2 | CONCERNED | 2 | CONCERNER |
| 2 | CONE | 2 | CONNECTS | 2 | CONSOLE | 2 | CONTINUATION |
| 2 | CONVERTING | 2 | COOLING | 2 | CORE | 2 | CORRECTLY |
| 2 | CORRESPOND | 2 | CORRESPONDENCE | 2 | COVERING | 2 | CRAMPS |
| 2 | CRITICALITY | 2 | CROSSED | 2 | CROSSOVER | 2 | CRUSH |
| 2 | DE-ICE | 2 | DECLINATION | 2 | DEENERGIZE | 2 | DEFLECTOR |
| 2 | DEFLECTORS | 2 | DEFUELING | 2 | DEGREE | 2 | DELAY |
| 2 | DELIVERY | 2 | DEMONSTRATE | 2 | DEPARTMENT | 2 | DEPT |
| 2 | DEPRESSION | 2 | DESIGN | 2 | DESIGNATORS | 2 | DESTRUCTION |
| 2 | DETECT | 2 | DETECTORS | 2 | DETERIORATED | 2 | DEVELOPMENT |
| 2 | DIAGRAM | 2 | DIFFERENCES | 2 | DIFFICULTY | 2 | DIFFUSER |
| 2 | DIM | 2 | DIM-BRT | 2 | DIRECTIONS | 2 | DISCOLORATION |
| 2 | DISCOVERED | 2 | DISENGAGE | 2 | ODD | 2 | DOSF |
| 2 | DRAINED | 2 | DRESSINGS | 2 | DRINKING | 2 | DRIVEN |
| 2 | DUPLEX | 2 | DYE | 2 | EDGES | 2 | EFFECT |
| 2 | EIGHT | 2 | EIGHT-DIGIT | 2 | ELECTRICALLY | 2 | EMISSION |
| 2 | EMPTY | 2 | ENGAGED | 2 | ENVELOPE | 2 | EQUIPPED |
| 2 | ESPECIALLY | 2 | ESSENTIAL | 2 | ESTIMATE | 2 | EXAMINE |
| 2 | EXCHANGER | 2 | EXHALATION | 2 | EXISTING | 2 | EXPECTED |
| 2 | EXPLOSIVE | 2 | EXTENDED | 2 | EXTENSIVE | 2 | EXTINGUISHER |
| 2 | EXTREME | 2 | EYELASHES | 2 | EYELID | 2 | FACILITATE |
| 2 | FAILS | 2 | FAIRLEADS | 2 | FAN | 2 | FAR |
| 2 | FASTEST | 2 | FAULTY | 2 | FEEL | 2 | FEELS |
| 2 | FILLING | 2 | FINAL | 2 | FINGER | 2 | FIRM |
| 2 | FIRMLY | 2 | FLAG | 2 | FLASH | 2 | FLATTEN |
| 2 | FLEXIBLE | 2 | FORCEFULLY | 2 | FOURTH | 2 | FRAYED |
| 2 | FREEDOM | 2 | FRETTING | 2 | FROSTBITE | 2 | FUNCTIONAL |
| 2 | FURTHER | 2 | G-M | 2 | GAGES | 2 | GAPS |
| 2 | GEARS | 2 | GENTLY | 2 | GETTING | 2 | GLOVES |
| 2 | GREATER | 2 | HAIRY | 2 | HALVES | 2 | HANGGUARDS |
| 2 | HANDKERCHIEF | 2 | HANDLE | 2 | HARD | 2 | MEACS |
| 2 | HEALTH | 2 | HEART | 2 | HELICOPTERS | 2 | HIGH-RPM |

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| 2 HILL | 2 HIT | 2 HOCK | 2 HYDRAULICS |
| 2 HYPOCHLORIC | 2 IDENTIFIES | 2 ILLUMINATES | 2 IMMERSE |
| 2 IMPROPER | 2 IMPROVE | 2 INCHPOUNDS | 2 INCLUDED |
| 2 INITIALS | 2 INITIATE | 2 INITIATIVE | 2 INJECTION |
| 2 INLETS | 2 INTERCONNECTED | 2 INTERMIX | 2 ITEMS |
| 2 JAM | 2 JAWS | 2 JET | 2 JOINT |
| 2 KNOWLEDGE | 2 L/REV | 2 LADDER | 2 LAMP |
| 2 LPHD | 2 LEARNED | 2 LEGS | 2 LENGTHY |
| 2 LISTS | 2 LOCKWASHER | 2 LONG | 2 LOCK |
| 2 LOOKS | 2 LOWEST | 2 LTCT-773 | 2 LUPINANTS |
| 2 LYCOMING | 2 M | 2 MACHINEGUN | 2 MAGAZINE |
| 2 MANNER | 2 MARGINAL | 2 MARKED | 2 MASCULINE |
| 2 MASKED | 2 MATCH | 2 MATCHED | 2 MEASUREMENTS |
| 2 MELTING | 2 MENDER | 2 MESH | 2 METERED |
| 2 METEORGRAPHIC | 2 METHYL-ETHYL-KETONE | 2 MIL-G-81322 | 2 MIL-L-5606 |
| 2 MILDEN | 2 MISCELLANEOUS | 2 MISSIONS | 2 ML7AL |
| 2 MODULES | 2 MOLY | 2 MOMENTARILY | 2 MOTION |
| 2 MOVEMENTS | 2 MULTIMETER | 2 MUZZLE | 2 M1 |
| 2 NAILS | 2 NAME | 2 NAV | 2 NCO |
| 2 NECESSARILY | 2 NEVER | 2 NICKS | 2 NONCOMMISSIONED |
| 2 NOSTRILS | 2 NOTED | 2 NOTICE | 2 NOTIFY |
| 2 NCH | 2 NUMERICALLY | 2 N2 | 2 O'CLOCK |
| 2 OBSERVE | 2 OBSERVED | 2 ONE-FOURTH | 2 ONE-MILE |
| 2 ONE-SIXTEENTH | 2 ONE-THIRD | 2 ONES | 2 OPERATIONS |
| 2 OPTION | 2 ORIENTED | 2 OTHERWISE | 2 DUNCES |
| 2 OVERHAULED | 2 OVERHAULS | 2 OVERHEAD | 2 P |
| 2 P-SERIES | 2 PAIRS | 2 PARENTHESSES | 2 PASS |
| 2 PASSAGE | 2 PASSES | 2 PASSING | 2 PATTERNS |
| 2 PAY | 2 PD1201 | 2 PD2659 | 2 PD2660 |
| 2 PEDAL | 2 PERMITTED | 2 PICK | 2 PICTURE |
| 2 PIECES | 2 PINT | 2 PLAIN | 2 PLASTILUBE |
| 2 PLUGS | 2 PLUNGER | 2 PHP | 2 POD |
| 2 POINTING | 2 POLARITY | 2 PORTIONS | 2 POTENTIAL |
| 2 PRACTICES | 2 PRESSURIZE | 2 PREVIOUS | 2 PRIMARILY |
| 2 PRICR | 2 PROBE | 2 PROCEED | 2 PROOF |
| 2 PROPELLER | 2 PUBLISHED | 2 PULLEY | 2 PUSH-PULL |
| 2 RACES | 2 RADIAL | 2 RAG | 2 RAISED |
| 2 REACH | 2 REACTION | 2 REASSEMBLY | 2 RECEIPT |
| 2 RECEIVED | 2 RECESS | 2 RECHECK | 2 RECLASSIFICATION |
| 2 RECOMMEND | 2 RECOMMENDATIONS | 2 RECORDING | 2 REDUCED |
| 2 REDUCER | 2 REFERRING | 2 REFRESHER | 2 REHEATER |
| 2 RELATIONSHIP | 2 RELAYS | 2 RELIEVE | 2 REMAINS |
| 2 REMOVES | 2 REPEATEDLY | 2 REPLACING | 2 REPCPTING |
| 2 REPRESENTATIVE | 2 REQUIRES | 2 RESIDUE | 2 RESPONSIBLE |
| 2 REST | 2 RESTRICT | 2 RETORQUE | 2 RETURNS |
| 2 REWARDING | 2 RIOT | 2 RIVETS | 2 ROTATED |
| 2 RULE | 2 SALT | 2 SAMPLES | 2 SAS |
| 2 SATISFACTORILY | 2 SCHEDULED | 2 SCUFFING | 2 SEARCH |
| 2 SEATED | 2 SECONDARY | 2 SERGEANTS | 2 SERVICES |
| 2 SEVERAL | 2 SHARP | 2 SHIELD | 2 SHIELDING |

| | | | |
|-------------------|------------------|------------------|-----------------|
| 2 SHORTING | 2 SHOULDER | 2 SHUTTLE | 2 SIMILAR |
| 2 SIMULATED | 2 SIZE | 2 SOAP | 2 SOON |
| 2 SOP | 2 SPACERS | 2 SPACES | 2 SPAR |
| 2 SPECIFICATIONS | 2 SPECIFIES | 2 SPILLED | 2 SPLINTS |
| 2 SPT | 2 STANDS | 2 STARTER-RELAY | 2 STATED |
| 2 STATIONARY | 2 STAY | 2 STEP-BY-STEP | 2 STEFLE |
| 2 STIFF | 2 STOPPING | 2 STOKES | 2 STRAIGHT-LTNE |
| 2 STRAIGHTEDGE | 2 STRESSING | 2 STROKES | 2 STRUCTURAL |
| 2 STUDY | 2 SUBCOURSE | 2 SUBMITTING | 2 SUBSYSTEM |
| 2 SUPERVISED | 2 SUPPLEMENTARY | 2 SWEENEY | 2 SYMROL |
| 2 SYMPTOMS | 2 TABS | 2 TAILLIGHTS | 2 TAXIED |
| 2 TDA | 2 TEAC | 2 TELL | 2 TENSICMETER |
| 2 TERMINAL | 2 TESTING | 2 TESTS | 2 THEREAFTER |
| 2 THIN | 2 THUMBS | 2 TIGHTNESS | 2 TLT |
| 2 TIME-IN-SERVICE | 2 TIP | 2 TITLES | 2 TRAILING |
| 2 TRAINS | 2 TRANSDUCERS | 2 TRAP | 2 TROUBLESHOOT |
| 2 TRUE | 2 TUBING | 2 TUNNEL | 2 TURNBUCKLE |
| 2 TURNED | 2 TURRET | 2 TWIST | 2 TWX |
| 2 T100220 | 2 T101424 | 2 T23 | 2 T14 |
| 2 T17 | 2 T21 | 2 T26 | 2 T31 |
| 2 T49 | 2 T53-L-138 | 2 T53-L-703 | 2 T79 |
| 2 T8 | 2 UNIFORM | 2 UNIT'S | 2 VALUABLE |
| 2 VANE | 2 VARIABLE | 2 VARY | 2 VENIED |
| 2 VIII | 2 VISIBLE | 2 VISUALLY | 2 VOLTMETER |
| 2 VOLTS | 2 WAIT | 2 WANT | 2 WANTS |
| 2 WARNING | 2 WARNINGS | 2 WASHERS | 2 WHITE |
| 2 WIGGINS | 2 WPAPS | 2 WRUNG | 2 YEARS |
| 2 YELLOW | 2 ZINC | 2 ZIP | 1 +15 |
| 1 +40 | 1 * | 1 +*THE | 1 +*AVAILABLE |
| 1 +NOTE | 1 +USE | 1 +4 | 1 A-2 |
| 1 A-4 | 1 A-5 | 1 AA | 1 ABDOMINAL |
| 1 ABADING | 1 ABRASION | 1 ABRASIONS | 1 AC |
| 1 ACADEMY | 1 ACADEMY* | 1 ACCEPT | 1 ACCEPTABLE |
| 1 ACCESSORY | 1 ACCOMMODATE | 1 ACCOMMODATIONS | 1 ACCOMPLISHES |
| 1 ACCOMPLISHMENT | 1 ACCORD | 1 ACCOUNT | 1 ACCUMULYD |
| 1 ACHIEVED | 1 ACIDS | 1 ACROSS | 1 ACTS |
| 1 ACTUATED | 1 ACTUATES | 1 ACTUATING | 1 ADDITIONALLY |
| 1 ADHERED | 1 ADMINISTRATIVE | 1 ADVANCE | 1 AERODYNAMIC |
| 1 AFFIX | 1 AGE | 1 AGENCY | 1 AGENTS |
| 1 AH-19 | 1 AL | 1 ALIKE | 1 ALL-METAL |
| 1 ALLOWANCES | 1 ALLOWING | 1 ALLOWS | 1 ALREADY |
| 1 ALYEFHATE | 1 ALTERNATELY | 1 ALTHOUGH | 1 ALTEN |
| 1 ALWAYS | 1 AMONG | 1 AMOUNTS | 1 AMS |
| 1 ANVL | 1 ANNOTATE | 1 ANNUALLY | 1 ANSWER |
| 1 APP | 1 APPARENT | 1 APPEARS | 1 APPLICATION |
| 1 APPROVED | 1 APPROVING | 1 APTITUDE | 1 ARCHED |
| 1 ARMED | 1 ARMEMENT | 1 ARMOR | 1 ARMPITS |
| 1 ARMY'S | 1 ARRY | 1 ARTERY | 1 ASIDE |
| 1 ASPECTS | 1 ASSEMBL | 1 ASSEMBLED | 1 ASSISTED |
| 1 ASSOCIATING | 1 ASSOCIATION | 1 ASSUME | 1 ATRCPINE |

| | | | | | | | |
|---|--------------------|---|-----------------|---|----------------|---|--------------------|
| 1 | ATSP-TD-ITD | 1 | ATTACHMENTS | 1 | ATTAIN | 1 | ATTEND |
| 1 | ATTENDED | 1 | ATTN | 1 | AUGUST | 1 | AUTCMOBILE |
| 1 | AUTOOVN | 1 | AVIONICS | 1 | A4000 | 1 | B-2 |
| 1 | B-3 | 1 | B-4 | 1 | B-5 | 1 | B-6 |
| 1 | B-7 | 1 | BACKED | 1 | BACKGROUND | 1 | BALLPOINT |
| 1 | BALTIMORE | 1 | BAR | 1 | BARRELS | 1 | BASIS |
| 1 | BEAPINOS | 1 | BECAUSE | 1 | BELIEVED | 1 | BELCAGS |
| 1 | BELTS | 1 | BENDER | 1 | BENDING | 1 | BENDS |
| 1 | BEYOND | 1 | BICARBONATE | 1 | BLADE'S | 1 | ALEC |
| 1 | BLINDNESS | 1 | BLISTER | 1 | BLOCK-8Y-BLOCK | 1 | BLOCKED |
| 1 | BLOT | 1 | BLOWING | 1 | BLCMN | 1 | BLUE |
| 1 | BLUE-BLACK | 1 | B008 | 1 | B01L | 1 | BOLTHEAD |
| 1 | BOOKS | 1 | BOOTS | 1 | BOULEVARD | 1 | BOAKES |
| 1 | BREAKDOWN | 1 | B01EF | 1 | BRIEFLY | 1 | ARCWN |
| 1 | B0T | 1 | B0USHING | 1 | BUILD | 1 | DUTLT |
| 1 | BULKHEADS | 1 | BULL'S-EYE | 1 | BURRED | 1 | BURRS |
| 1 | BUSES | 1 | BUSHING | 1 | BUSHINGS | 1 | C-CLAMPS |
| 1 | C-RATION | 1 | CARIN | 1 | CALIBRATE | 1 | CALIBRATED |
| 1 | CALM | 1 | CAMOUFLAGING | 1 | CANADIAN | 1 | CANNED |
| 1 | CAPACITY | 1 | CAPSULE | 1 | CARRURETOR | 1 | CARDS |
| 1 | CAREFUL | 1 | CASES | 1 | CASTELLATED | 1 | CASUALTIES |
| 1 | CATORS | 1 | CAUSTICS | 1 | CH-1 | 1 | CR-12 |
| 1 | CENTENTING | 1 | CENTERS | 1 | CENTIMETERS | 1 | CHAMBERS |
| 1 | CHAMFER | 1 | CHANNELS | 1 | CHARCOAL | 1 | CHARGING |
| 1 | CHATTER | 1 | CHECKING | 1 | CHEEKBONES | 1 | CHEMICALBIOLOGICAL |
| 1 | CHEMICALS | 1 | CHLORIDE-SODIUM | 1 | CHOICE | 1 | CHOKING |
| 1 | CIRCLE | 1 | CIRCUITS | 1 | CIRCUMSTANCES | 1 | CLEAPS |
| 1 | CLINCH | 1 | CLOGGING | 1 | CLOSES | 1 | CLOSEST |
| 1 | CLOTHS | 1 | CLOUD | 1 | COCKPITS | 1 | COLDEST |
| 1 | CELL | 1 | COLLECTION | 1 | CULLER | 1 | COMBAT-READY |
| 1 | COMBINATION | 1 | COME | 1 | COMMID | 1 | COMPENSURATE |
| 1 | COMMENT | 1 | COMMERCIAL | 1 | COMPARE | 1 | COMPTMENTS |
| 1 | COMPENSATOR | 1 | COMPETE | 1 | COMB | 1 | CONDEMNATION |
| 1 | CONDUCTED | 1 | CONDUCTING | 1 | CONFIGURATIONS | 1 | CONNECTION |
| 1 | CONSIDERABLE | 1 | CONSIDERABLY | 1 | CONSIDERATIONS | 1 | CONJECT |
| 1 | CONSNLES | 1 | CONSTANT | 1 | CONSTANTLY | 1 | CONSTITUTES |
| 1 | CONSTRAINTS | 1 | CONSULTED | 1 | CONTACTING | 1 | CONTAINING |
| 1 | CONTAMINATION-FREE | 1 | CONTENT | 1 | CONTINUING | 1 | CONTCURS |
| 1 | CONTROLLABLE | 1 | CONTROLLING | 1 | COOLANT | 1 | COOLS |
| 1 | COPY | 1 | CORDS | 1 | CORRECTION | 1 | CORRECTIONS |
| 1 | CORRECTNESS | 1 | COUNTERPART | 1 | COUNTERPEDAL | 1 | COUNTERHEIGHTS |
| 1 | COUPLED | 1 | COURSE** | 1 | COVERS | 1 | COWLINGS |
| 1 | CRACKED | 1 | CPAVAT | 1 | CRAWL | 1 | CREASES |
| 1 | CREATE | 1 | CREEPS | 1 | CPRESENT | 1 | CPROUS |
| 1 | CROSSES | 1 | CROSSHEADS | 1 | CROW | 1 | CRUSHED |
| 1 | CUP | 1 | CURLED | 1 | CURVED | 1 | CURVED-LINE |
| 1 | CURVEDLINE | 1 | CUTS | 1 | CUTTING | 1 | CWSS |
| 1 | CYCLES | 1 | DAMPER | 1 | DARK | 1 | DARKEN |
| 1 | DCVM | 1 | DEBRIS | 1 | DECAL | 1 | DECONTAMINATING |
| 1 | DEFECTS | 1 | DEFICIENCY | 1 | DEFINED | 1 | DEFORMATION |

| | | | | | | | |
|---|------------------|---|---------------|---|---------------|---|---------------|
| 1 | DEFUELED | 1 | DEFUELER | 1 | DELETED | 1 | DELIVER |
| 1 | DEMONSTRATED | 1 | DENTURES | 1 | DEPENDENT | 1 | DEPENDING |
| 1 | DEPENDS | 1 | DEPicted | 1 | DEPTH | 1 | DESCRIBES |
| 1 | DESCRIBING | 1 | DESIGNATES | 1 | DESIRE | 1 | DESK |
| 1 | DETACHED | 1 | DETENT | 1 | DETERIORATION | 1 | DETERMINES |
| 1 | DEVICE | 1 | DIAGNOSED | 1 | DICTATED | 1 | DIFFERENCE |
| 1 | DIFFICULT | 1 | DIGITAL | 1 | DIMENSIONAL | 1 | DIPPING |
| 1 | DIRECTION--UP | 1 | DIRTY | 1 | DISARLED | 1 | DISCONNECTING |
| 1 | DISCREPANCIES | 1 | DISCUSS | 1 | DISINFECT | 1 | DISINTEGRATE |
| 1 | DISKS | 1 | DISLODGE | 1 | DISPOSE | 1 | DISPOSED |
| 1 | DISRUPTIVE | 1 | DISSASSEMBLE | 1 | DISSIMILAR | 1 | DISSOLVED |
| 1 | DISTANT | 1 | DISTINCTIVE | 1 | DISTRIBUTED | 1 | DISTURBED |
| 1 | DIVIDE | 1 | DOCTRINAL | 1 | DODISPR | 1 | DOUBLE |
| 1 | DOWNFALL | 1 | DOWNSTREAM | 1 | DOWNSTROKE | 1 | DRAINPLUG |
| 1 | DRAINS | 1 | DRAWN | 1 | DRIED | 1 | DRINK |
| 1 | DRIP | 1 | DRIVER | 1 | DROOP | 1 | DROPPED |
| 1 | DRUMS | 1 | DUE/OVERAGE | 1 | DURABILITY | 1 | E-2 |
| 1 | E-8'S | 1 | E-9 | 1 | EASER | 1 | EAST |
| 1 | EASTERN | 1 | EFFECTIVENESS | 1 | EIR'S | 1 | EJECTOR |
| 1 | ELECTRONIC | 1 | ELIMINATION | 1 | ELSEWHERE | 1 | EMER |
| 1 | EMERGENCY--WHEN | 1 | ENCLOSURES | 1 | ENCOUNTERED | 1 | ENCOURAGED |
| 1 | ENG | 1 | ENGAGING | 1 | ENTERING | 1 | ENVIRONMENTAL |
| 1 | EQUIVALENT | 1 | ESTIMATING | 1 | ETCHING | 1 | EUSTIS |
| 1 | EVEN | 1 | EVERYTHING | 1 | EVERYTIME | 1 | EXAMPLE-- |
| 1 | EXAMPLES | 1 | EXCEEDS | 1 | EXCEPTION | 1 | EXCESSIVELY |
| 1 | EXCLUDER | 1 | EXERTING | 1 | EXERTION | 1 | EXHALE |
| 1 | EXISTS | 1 | EXIT | 1 | EXPECTS | 1 | EXPENDED |
| 1 | EXPERTENCE | 1 | EXPERT | 1 | EXPOSES | 1 | EXTENT |
| 1 | EXTERNALLY | 1 | EXTINGUISHERS | 1 | EXTREMELY | 1 | EXTREMITIES |
| 1 | EYEGALL | 1 | EYEPIECES | 1 | FACE--COVER | 1 | FACES |
| 1 | FACILITIES | 1 | FAIL | 1 | FAILURE | 1 | FANNING |
| 1 | FATALITIES | 1 | FAULTS | 1 | FEET--PLACE | 1 | FELLCH |
| 1 | FEMTHINE | 1 | FEW | 1 | FIFTHMOUNT | 1 | FIGURES |
| 1 | FILE | 1 | FILES | 1 | FILING | 1 | FINGERS |
| 1 | FIREMALLS | 1 | FIRST-AID | 1 | FITS | 1 | FITTED |
| 1 | FIVE-DIGIT | 1 | FIZZ | 1 | FIZZES | 1 | FLANGE |
| 1 | FLORING | 1 | FLASHES | 1 | FLASHLIGHTS | 1 | FLAT |
| 1 | FLATTENING | 1 | FLIGHTS | 1 | FLOORS | 1 | FLOW-CH |
| 1 | FLUIDS | 1 | FLUSHING | 1 | FLY | 1 | FLY |
| 1 | FOCUS | 1 | FOOD | 1 | FOR-- | 1 | FORCE-- |
| 1 | FORE-AND-AFT | 1 | FORGED | 1 | FORMAL | 1 | FORM2404 |
| 1 | FORT | 1 | FORWARDED | 1 | FOUR-WAY | 1 | FRAME |
| 1 | FREQUENCY | 1 | FRESH | 1 | FRCSTOTTEN | 1 | FULLEST |
| 1 | FUNCTIONING | 1 | FUNCTION'S | 1 | FUNNEL | 1 | FUSE |
| 1 | FUTURE | 1 | GAINS | 1 | GALLOW | 1 | GENGER |
| 1 | GENERATOR--FIELD | 1 | GENEROUS | 1 | GENTLE | 1 | GERMTCIDAL |
| 1 | GIANT | 1 | GIVING | 1 | GLANCING | 1 | GONE |
| 1 | GOOD | 1 | GRADES | 1 | GRADIENTS | 1 | GRACUALLY |
| 1 | GRASS | 1 | GRIME | 1 | GRIT | 1 | GRONMETS |
| 1 | GROUNDING | 1 | GROUPS | 1 | GTA | 1 | GUMS |

WORD FREQUENCY DISTRIBUTION
FREQUENCY/WORD

FREQUENCY/WORD

| | | | |
|------------------------|-----------------------|-------------------|-----------------|
| 1 GUNNER | 1 HAIRLINE | 1 HAMMERS | 1 HAMMOCK |
| 1 HANDLES | 1 HANDS--PLACE | 1 HANGERS | 1 HANGERS |
| 1 HARD-PACKED | 1 HARDER | 1 HARMFUL | 1 HARMING |
| 1 HAZARDOUS | 1 HEADINGS | 1 HEADQUARTERS | 1 HEARTBEAT |
| 1 HEATS | 1 HEAVY | 1 HEELS | 1 HELC |
| 1 HELMET | 1 HELPING | 1 HEXAGON | 1 HIL--TASQUE |
| 1 HIGHEST | 1 HINDERED | 1 HINGE | 1 HOLDING |
| 1 HILES | 1 HONEYCOMB | 1 HOOKS | 1 HOUR |
| 1 HITS-10 | 1 HTS-6 | 1 HUMID | 1 HUMOROUS |
| 1 HYDROCHLORIC | 1 IAM | 1 ICE | 1 IDEAL |
| 1 IDENTIFIABLE | 1 IDENTIFYING | 1 IGN | 1 ILLUMINATED |
| 1 ILLUSTRATED | 1 IMAGINATION | 1 IMMORALIZED | 1 IMPOSSIBLE |
| 1 IMPRACTICAL | 1 IMPROPERLY | 1 IMPROVING | 1 IMPROPERLY |
| 1 INCAPABLE | 1 INCAPACITATING | 1 INCORPORATE | 1 INCORRECT |
| 1 INCR | 1 INCREASINGLY | 1 INDEPENDENT | 1 INDIA |
| 1 INDICATING | 1 INDICATION | 1 INDICATORS | 1 INDIRECTLY |
| 1 INDUCE | 1 INFLATIONS | 1 INITIALLY | 1 INJECTOR |
| 1 INJURIES | 1 INK | 1 INSPECT | 1 INQUIRE |
| 1 INSTALLATION | 1 INSTALLATIONS | 1 INSTRUCTOR | 1 INSURING |
| 1 INTEGRAL | 1 INTENDED | 1 INTER-CONNECTED | 1 INTERFA |
| 1 INTERFERE | 1 INTERPRET | 1 INTERSECT | 1 INTRODUCING |
| 1 INVERTED | 1 INVTR | 1 IPB | 1 IRPITATING |
| 1 ISGLATE | 1 J | 1 JACKING | 1 JANNUT |
| 1 JUTTING-OUT | 1 K | 1 KEVED | 1 KIND |
| 1 KINKED | 1 KNEAD | 1 KNEE | 1 KNEEL |
| 1 KNOTS | 1 K404 | 1 K404 | 1 LA |
| 1 LAIDINGS | 1 LANDMARKS | 1 LATER | 1 LATERALLY |
| 1 LATERAL VIBRATIONS | 1 LATOR | 1 LAUNCHERS | 1 LAYER |
| 1 LA | 1 LC | 1 LEARNING | 1 LEFTAND |
| 1 LENGTHEN | 1 LENGTHENED | 1 LETTERED | 1 LH |
| 1 LIBRAPTES | 1 LIE | 1 LIES | 1 LIFTED |
| 1 LIGHTLY | 1 LIKE | 1 LIMITATIONS | 1 LIMITED |
| 1 LIGHTS | 1 LIQUID | 1 LIQUIDS | 1 LISTEN |
| 1 LISTINGS | 1 LOCKNUT | 1 LOCKNUTS | 1 LOCKOUT |
| 1 LONGERONS | 1 LONGITUDINAL | 1 LOSS | 1 LOSSES |
| 1 LOST | 1 LOWERING | 1 LUGS | 1 LUNGS |
| 1 LOO | 1 LOO | 1 L38INCH | 1 M-35 |
| 1 MACHINE-SCRABBLE | 1 MAINTAINED | 1 MAINTAINING | 1 MAINTAINS |
| 1 MAJORITY | 1 MAN | 1 MANUALLY | 1 MANUALLY |
| 1 MANUFACTURE | 1 MANUFACTURER | 1 MAPS | 1 MAPTHA |
| 1 MARKING | 1 MARKSMANSHIP | 1 MARQIN | 1 MARYLAND |
| 1 MESSAGE | 1 MAST-MOUTHED | 1 MASTERED | 1 MASTERS |
| 1 MEANING | 1 MEANTIME | 1 MEASURED | 1 MECHANICALLY |
| 1 MECHANISMS | 1 MELT | 1 MEMBERS | 1 MENDED |
| 1 MENTALLY | 1 MESS | 1 METALS | 1 METER |
| 1 METHYL--ETHYL-KETONE | 1 METHYL-ETHYL-KETONE | 1 MIDPOINT | 1 MIDTRAVEL |
| 1 MIGHT | 1 MIL-L-2399 | 1 MIL-L-6082 | 1 MILD |
| 1 WILLIAM | 1 MINIMIZE | 1 MITTENT | 1 MLEAL |
| 1 MISAL | 1 MODE | 1 MODERATE | 1 MODIFICATIONS |
| 1 MODULARLY | 1 MONTHS | 1 MOSTLY | 1 MOTIVATION |

FREQUENCY/WORD

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| | | | |
|------------------|-------------------|-------------------------|-----------------|
| 1 MOUNDED | 1 MOVABLE | 1 MOVES | 1 MUCH |
| 1 MUD | 1 MULTIPLY | 1 MUSCLE | 1 M15RA1 |
| 1 M17A1 | 1 M18 | 1 M200AL | 1 M200 |
| 1 M35 | 1 NAPHTHA | 1 NAVIGATING | 1 NCO'S |
| 1 NEEDING | 1 NEEDLE | 1 NEITHER | 1 NERVE |
| 1 NEUTRAL | 1 NICKED | 1 NIGHT | 1 NITRITE |
| 1 NITROGEN | 1 NO-GO | 1 NOISY | 1 NON-ESS |
| 1 NONSCHEDULED | 1 MOR | 1 NPMALY | 1 NORTH-SOUTH |
| 1 NORTHSOUTH | 1 NOSECUP | 1 NOTES | 1 O-RING |
| 1 OBSERVATION | 1 OBSTRUCTIONS | 1 OFTEN | 1 GILCAN |
| 1 ON-THE-JOB | 1 ONE-EIGHTH | 1 ONE-TENTH | 1 ONE-TIME |
| 1 OO | 1 OPENED | 1 OPPORTUNITIES | 1 OPTIMUM |
| 1 OPTIOVAL | 1 ORDNANCE | 1 ORGANIZATIONS | 1 ORIGINAL |
| 1 ORIGINATOR | 1 DUNCE | 1 OUT-LINED | 1 CUT-CF-TRACK |
| 1 OUTDOORS | 1 OUTLETS | 1 OUTLINES | 1 OUTWARD |
| 1 OVEN | 1 OVERFILL | 1 OVERFILLING | 1 OVERPEATED |
| 1 OVERPRINTED | 1 OVERSPILL | 1 OXING | 1 PACKED |
| 1 PADDING | 1 PAIN | 1 PAINT | 1 PAINTED |
| 1 PALM | 1 PALMS | 1 PANS | 1 PARAGRAPH |
| 1 PARKING | 1 PARTICIPATING | 1 PASSED | 1 PECULIAR |
| 1 PEEL | 1 PEELLED | 1 PENCILS | 1 PENETRATE |
| 1 PENETRATION | 1 PERCENT | 1 PERHAPS | 1 PERTAINS |
| 1 PINCHING | 1 PINIONS | 1 PISTOL | 1 PITTING |
| 1 PLACES | 1 PLANNING | 1 PLENUM | 1 PLIERS |
| 1 PLOTTED | 1 PLUMB | 1 PLUS | 1 PNEUMATIC |
| 1 POKET | 1 POCKETS | 1 POINTED | 1 POLICE |
| 1 POLICED | 1 POLICIES | 1 POLISHED | 1 POS |
| 1 POSTAGE-PAID | 1 POSTAL | 1 POSTING | 1 POTENTIALLY |
| 1 POURING | 1 POWDER | 1 PRACTICAL | 1 PREADRESSED |
| 1 PRECAUTIONS | 1 PRECEDING | 1 PRECHARGE | 1 PRECLUDE |
| 1 PREFIXES | 1 PRELOAD | 1 PRESCRIBES | 1 PRESERVATIVES |
| 1 PRESERVED | 1 PRESERVING | 1 PRESSED | 1 PRESSURING |
| 1 PREVIOUSLY | 1 PRINCIPLE | 1 PRIORITIES | 1 PRODUCING |
| 1 PRODUCTS | 1 PROFESSIONAL | 1 PROFICIENT | 1 PROGRAMS |
| 1 PROGRESSION | 1 PROGRESSIVE | 1 PROMOTE | 1 PRONE |
| 1 PROSEAL | 1 PROTECTION | 1 PROVEN | 1 PROVISION |
| 1 PSYCHOLOGICAL | 1 PULLED | 1 PUSH-TYPE | 1 PUSHBUTTON |
| 1 PHR | 1 PYLON-ISOLATING | 1 QAPRISON | 1 QUALIFY |
| 1 QUANTITATIVE | 1 QUICKLY | 1 QUILLS | 1 ? |
| 1 RACE | 1 RANGES | 1 PANKS | 1 RATED |
| 1 RATES | 1 REACHES | 1 READILY | 1 REAGNESS |
| 1 READINGS | 1 READJUST | 1 READY | 1 REASONS |
| 1 REASSURE | 1 RECEIVING | 1 RECIRCULATED | 1 RECOGNIZING |
| 1 RECOVERABILITY | 1 RECOVERY | 1 RECURRING | 1 REENLIST |
| 1 REFILL | 1 REFILLED | 1 REFLECT | 1 REFUELED |
| 1 REG | 1 REGULATION | 1 REGULATIONS | 1 REGULATORS |
| 1 REINFORCE | 1 REINSPECTED | 1 RELATE | 1 RELAX |
| 1 RELEASED | 1 REMAINDER | 1 REMANUFACTURE | 1 REPAIR |
| 1 REPAIRED | 1 REPLACABLE | 1 REPORTS | 1 REPOSITION |
| 1 REPRODUCTION | 1 REQD | 1 REQUEST--CONTINUATION | 1 REQUISITIONED |

| | | | | | | | |
|---|----------------------|---|------------------|---|-----------------|---|-------------------|
| 1 | RESIDENT | 1 | RESISTANCE | 1 | RESORT | 1 | RESPECT |
| 1 | RESPOND | 1 | RESTORING | 1 | RESTS | 1 | RESULTING |
| 1 | RESUMES | 1 | RETAIN | 1 | RETAKE | 1 | RETORQUED |
| 1 | RETRACT | 1 | RETRACTED | 1 | REVEALED | 1 | REVERSING |
| 1 | RH | 1 | RIBBONS | 1 | RIGGED | 1 | RIGHT-HAND |
| 1 | RIGHTANGLED | 1 | RINSED | 1 | RIPS | 1 | RISES |
| 1 | ROCK | 1 | ROCKET | 1 | ROCKS | 1 | ROD-END |
| 1 | ROLLED | 1 | ROLLER | 1 | ROOT | 1 | ROTARY |
| 1 | ROTATES | 1 | ROTATION | 1 | ROUGHNESS | 1 | ROUND |
| 1 | ROUTE | 1 | ROUTES | 1 | ROUTINE--ALL | 1 | RS |
| 1 | RUBBING | 1 | RUNNING | 1 | RUNWAYS | 1 | S-FOOT |
| 1 | SAFENED | 1 | SAFETY-OF-FLIGHT | 1 | SAFETY-OFFLIGHT | 1 | SALE |
| 1 | SALMON | 1 | SALTWATER | 1 | SANDBAGGING | 1 | SATISFACTORY |
| 1 | SATISFIED | 1 | SCHOOLS | 1 | SCOOPS | 1 | SCAPATCHES |
| 1 | SCREWDRIVER | 1 | SCREWED | 1 | SCRUB | 1 | SEASON |
| 1 | SECURED | 1 | SECURES | 1 | SEEK | 1 | SEEN |
| 1 | SELECTING | 1 | SELF-SEALING | 1 | SELF-STUDY | 1 | SEMI-AUTOMATIC |
| 1 | SEMINOCCOQUE | 1 | SEMPERMANENT | 1 | SEMI-RIGID | 1 | SENDING |
| 1 | SENT | 1 | SERIOUSLY | 1 | SERRATIONS | 1 | SERVE |
| 1 | SERVES | 1 | SERVICED | 1 | SETTING | 1 | SETTINGS |
| 1 | SEVERELY | 1 | SHADE | 1 | SHADES | 1 | SHADOWS |
| 1 | SHUFF | 1 | SHAKE | 1 | SHEETS | 1 | SHELF |
| 1 | SHIMMED | 1 | SHIPMENT | 1 | SHORTCOMING | 1 | SHORTCOMINGS |
| 1 | SHORTEN | 1 | SHORTENED | 1 | SHOULDERS | 1 | SIDE-CARRY |
| 1 | SIGHTING | 1 | SIGHTS | 1 | SILICONE | 1 | SKETCH |
| 1 | SKILLED | 1 | SL | 1 | SLACK | 1 | SLIDING |
| 1 | SLIT | 1 | SLOPE | 1 | SLSTEM | 1 | SMR |
| 1 | SHAKENITES | 1 | SHAP-RING | 1 | SNOW | 1 | SNUG |
| 1 | SOAK | 1 | SOAKED | 1 | SOCKETS | 1 | SOOTUM |
| 1 | SOFT-ARISTLED | 1 | SOILED | 1 | SOLDIE | 1 | SOLES |
| 1 | SOLID | 1 | SOLUBLE | 1 | SOMEWHERE | 1 | SOLIGHT |
| 1 | SOUNDS | 1 | SPARS | 1 | SPECIALIZE | 1 | SPECIFICALLY |
| 1 | SPECIFIER | 1 | SPECIFY | 1 | SPECTROMETRIC | 1 | SPILLAGE |
| 1 | SPILOVER | 1 | SPIRAL | 1 | SPLINE | 1 | SPLINED |
| 1 | SPLINTING | 1 | SPLITS | 1 | SPOT | 1 | SPRAYED |
| 1 | SPRAYING | 1 | SPRAYTYPE | 1 | SPREAD | 1 | STABILIZED |
| 1 | STABLE | 1 | STAINING | 1 | STANDING | 1 | STARTER-GENERATOR |
| 1 | STATEMENT | 1 | STATION | 1 | STB | 1 | STON |
| 1 | STPS | 1 | STREAMLINED | 1 | STRENGTH | 1 | STRETCH |
| 1 | STRICTLY | 1 | STRINGERS | 1 | STRIPPED | 1 | STRUCTURES |
| 1 | STRUTS | 1 | STUR | 1 | STUCK | 1 | STUC |
| 1 | STYLE | 1 | SUBASSEMBLY | 1 | SUBMITTER | 1 | SUBSTANDARD |
| 1 | SUBSYSTEMS | 1 | SUBTRACTING | 1 | SUCCESSFUL | 1 | SUCCESSFULLY |
| 1 | SUGTION | 1 | SUFFERING | 1 | SUFFIXES | 1 | SUPERFICIAL |
| 1 | SUPERVISION | 1 | SUPPLEMENT | 1 | SUPPLYING | 1 | SURGICAL |
| 1 | SURROUND | 1 | SUSPECTED | 1 | SUSPENSION | 1 | SW |
| 1 | SWAB | 1 | SWABS | 1 | SYSTEM--GENERAL | 1 | SYSTEMS |
| 1 | S55 | 1 | T--HE | 1 | TABLE | 1 | TARLETS |
| 1 | TACHOMETER-GENERATOR | 1 | TAILOR | 1 | TAKEDOWN | 1 | TAKING |
| 1 | TAL | 1 | TAMMS | 1 | TANDEM | 1 | TANKS |

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|-----------------|-----------------|-----------------------|------------------------|
| 1 TAP | 1 TAPED | 1 TAPPING | 1 TASKORTAIN |
| 1 TAXIMAYS | 1 TBU | 1 TEASPOONFUL | 1 TECHNICAL-INSTRUCTOR |
| 1 TECINIQUE | 1 TELEPHONE | 1 TELLS | 1 TEMPORARILY |
| 1 TENDENCY | 1 TENDS | 1 TERM | 1 TERMINALS |
| 1 TEST/ | 1 TEXT | 1 TH | 1 THAN |
| 1 THERMOPLASTIC | 1 THREE-DIGIT | 1 THREE-EIGHTHS | 1 THREE-FOURTHS |
| 1 THPEE-PIECE | 1 THROTTLE | 1 THRU | 1 THPLST |
| 1 THS | 1 THUMBJAW | 1 TIE | 1 TIEDOWN |
| 1 TIEDOWNS | 1 TIGHT | 1 TIGHTENING | 1 TIGHTLY |
| 1 TIME-IN-GRADE | 1 TIME-IN-GRADE | 1 TINNED | 1 TIPS |
| 1 TITLED | 1 TODAY | 1 TOE | 1 TONE |
| 1 TOUSUE | 1 TOPOGRAPHIC | 1 TORN | 1 TOUCHED |
| 1 TOUCHES | 1 TOUCHING | 1 TOXIC | 1 TRAIL |
| 1 TRAINED | 1 TRAINEE | 1 TRANSACTION | 1 TRANSCRIBE |
| 1 TRANSCRIBED | 1 TRANSMISIN | 1 TRANSMISSION-DRIVEN | 1 TRANSMIT |
| 1 TRANSPARENT | 1 TRANSPORT | 1 TREATED | 1 TPEES |
| 1 TRECH | 1 TRIGGER | 1 TRIMS | 1 TRIPRO-TYPE |
| 1 TRIPEED | 1 TRIGLS | 1 TRUCBLE | 1 TRUCK |
| 1 TRUNTONS | 1 TRY | 1 TURNBUCKLES | 1 TURNING |
| 1 TWIG | 1 TWISTED | 1 TWISTING | 1 TWO-PLADE |
| 1 TWO-HAND | 1 TWO-MILE | 1 TWO-STAGE | 1 TWO-PLADE |
| 1 T101525 | 1 T44 | 1 T5 | 1 T101405 |
| 1 T53-L-13 | 1 T6 | 1 UNAUTHORIZED | 1 T51 |
| 1 UNCONSCIOUS | 1 UNDERGO | 1 UNDERNEATH | 1 UNCAP |
| 1 UNDEESIDE | 1 UNDERSTANDING | 1 UNDERSONE | 1 UNDENEATH |
| 1 UNMARKED | 1 UNOPENED | 1 UNINSTALLED | 1 UNLOCK |
| 1 UNUSUAL | 1 URGENT--WHEN | 1 UNSAES | 1 UNUSED |
| 1 USERS | 1 USES | 1 USA | 1 USABLE |
| 1 V-CLAMP | 1 VALUE | 1 UTENSILS | 1 UTILIZE |
| 1 VEHICLES | 1 VENTILATE | 1 VANES | 1 VEGETATION |
| 1 VIEWED | 1 VIOLATIONS | 1 VENTILATOR | 1 VICINITY |
| 1 VECTING | 1 WAIST | 1 VIRGINIA | 1 VOICEMITTER |
| 1 WAPMER | 1 WASHING | 1 WANDS | 1 WARFARE |
| 1 WEAPING | 1 WEB | 1 WASHINGTON | 1 WAVE |
| 1 WEST | 1 WHEEL | 1 WELL-TRAINED | 1 WAVE |
| 1 WHEREVER | 1 WIDE | 1 WHEELS | 1 WHENEVER |
| 1 WIPING | 1 WIRING | 1 WILLING | 1 WINPAGE |
| 1 WORD | 1 WORKED | 1 WORKING | 1 WOMEN |
| 1 WOUNDS | 1 WRITE | 1 WORKMANSHIP | 1 WOUNDED |
| 1 YIELD | 1 YOUNGER | 1 WRITTEUP | 1 YEAR1 |
| | | 1 ZERO | 1 ZERGES |

APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.

(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

- | | |
|------------------|-------------------------|
| A. Declarative | statement |
| B. Interrogative | question |
| | 1. wh- questions |
| | 2. tag questions |
| | 3. yes/no questions |
| C. Imperative | command, polite request |
| D. Exclamatory | exclamation |

Sentence Complexity:

- | | |
|---------------------|---|
| A. Simple | one full subject and predicate |
| B. Compound | two or more independent clauses joined by: |
| | 1. punctuation |
| | 2. punctuation and conjunctive adverb |
| | 3. coordinate conjunction |
| C. Complex | one or more dependent clauses and an independent clause |
| D. Compound-Complex | two or more independent clauses and one or more dependent clauses |

Verbs:

- | | |
|----------------------------|---|
| A. Concord | subject-verb agreement |
| B. Transitive | takes an object |
| C. Intransitive | doesn't take an object |
| D. Copula | to be |
| E. Linking | connectors |
| F. Auxiliaries of tense | will, do, did |
| G. Auxiliaries of modality | should, ought to, must to, have to, have got to, able to, can, may, might, could, would |
| H. Tense | present, past |
| I. Aspect | perfect, progressive |

Verbal Forms:

- | | |
|-----------------------|---------------|
| A. Present Participle | active voice |
| B. Past Participle | passive voice |

Voice:

- | | |
|------------|----------------------------|
| A. Active | subject does action |
| B. Passive | subject does not do action |
| | 1. agent expressed |
| | 2. agent not expressed |

Prepositions:

A. Simple

- | | |
|----------------------------------|------------|
| 1. place | on, in |
| 2. time | in, at, on |
| 3. direction/motion | to |
| 4. manner/agent/ instrument | by, with |
| 5. measurement/ number amount | of |

B. Compound:

according to, because of, by means

Vocabulary:

words from 1100 through 2400 -
Elementary and Intermediate Phase of General
English materials

Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

two word verbs